



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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July 11, 2022

John Mooney, Director  
Air and Radiation Division  
U.S. Environmental Protection Agency, Region 5  
Mail Code A-18J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3507

Re: 2021 Annual Report – Illinois Vehicle Emissions Testing Program

Dear Director Mooney:

Enclosed please find the Illinois Environmental Protection Agency's 2021 Annual Report for the Vehicle Emissions Testing Program. If you have any questions, please feel free to give me a call at 217.558.0798 or email me at [kent.mohr@illinois.gov](mailto:kent.mohr@illinois.gov).

Cordially,

Kent E. Mohr Jr., Esq.  
Manager, Vehicle Emissions Testing Program  
Illinois Environmental Protection Agency

Enclosure

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# **2021 ANNUAL REPORT ILLINOIS VEHICLE EMISSIONS TESTING PROGRAM**



**Illinois Environmental Protection Agency  
Bureau of Air  
1021 North Grand Avenue, East  
Springfield, Illinois 62794-9276**

**July 2022**



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## OVERVIEW

Motor vehicles are a significant contributor to air pollution, specifically, ground level ozone. Periodic mandatory emissions inspections ensure proper maintenance and thus reduce levels of volatile organic compounds (VOC), carbon monoxide (CO), and oxides of nitrogen (NO<sub>x</sub>), which contribute to the formation of ground level ozone.

The federal Clean Air Act (CAA) requires states to implement and operate vehicle emissions inspection and maintenance (I/M) programs in ozone non-attainment areas. Vehicle emissions testing is required of vehicles registered within the urbanized portions of the Chicago and Metro-East St. Louis ozone Non-Attainment Areas (NAA). In Chicago, this includes Cook, DuPage and Lake Counties; and portions of McHenry, Kane, Will and Kendall Counties. In the Metro-East St. Louis area, this includes portions of Madison, St. Clair and Monroe Counties. Testing areas are defined by ZIP Code and generally correspond to the urbanized areas required by the CAA to be covered by an I/M program. The Illinois Vehicle Emissions Testing Program is also a component of Illinois' ozone air quality control programs for the Northeastern Illinois and Metro-East St. Louis ozone non-attainment areas.

The Illinois Vehicle Emissions Testing Program, administered by the Illinois Environmental Protection Agency (Agency) and the Illinois Secretary of State (SOS), began testing vehicles in 1986. The owner of a vehicle subject to emissions testing is required to have the vehicle inspected and provide proof of compliance in order to obtain or renew a vehicle registration with SOS. Vehicles registered in the Illinois Vehicle Emissions Testing Program emission inspection areas are required to be inspected *once every two years* beginning the fourth model year after manufacture. Vehicles are assigned for testing based on the license plate registration expiration month.

In February 2016, the Agency entered into a new vehicle emissions testing contract with its existing contractor, Applus Technologies, Inc. This new contract provides for on-board diagnostic (OBD) testing of subject vehicles and other services effective November 1, 2016 through December 31,

2023, with a provision for two option years. The previous vehicle emissions testing contract was extended through October 31, 2016.

The vehicle emissions testing network under the 2016 vehicle emissions testing contract is comprised of twelve (12) centralized and nine (9) inspection & repair (I & R) test stations. The locations of the centralized test stations for 2021 are provided in Table 1.

**Table 1**  
**2021 Centralized Vehicle Testing Stations in Illinois**

City	Station #	Street Address	State	Zip Code
Waukegan	1	2161 Northwestern Ave.	IL	60087
Crystal Lake	3	195 Liberty Rd.	IL	60014
Lincolnshire	4	580 Bond Street	IL	60069
Schaumburg	7	1675 Mitchell Blvd.	IL	60193
Addison	11	425 S. Lombard Rd.	IL	60101
Skokie	12	3555 W. Jarvis Ave.	IL	60076
Bedford Park	22	5231 W. 70th Place	IL	60638
Naperville	24	435 Weston Ridge Rd.	IL	60540
Joliet	26	3501 Mall Loop Drive	IL	60435
Markham	27	3824 W. 159th Place	IL	60426
Pontoon Beach	30	1000 E. Chain of Rocks Rd.	IL	62040
Swansea	53	4200 Trade Court	IL	62226

Figure 1 depicts the typical signage found at the entrance of the centralized test stations.

**Figure 1**

**Welcome Sign at the Naperville Centralized Testing Station**



In 2021, approximately 1.8 million initial vehicle tests (or 94.9% of all initial vehicle emissions tests) were performed at centralized stations.

I & R stations are certified to perform initial emissions tests and retests and have the capability to repair vehicles that have failed an emissions test. The name and locations of the I & R stations are provided in Table 2.

**Table 2**  
**2021 Inspection and Repair Stations in Illinois**

<b>I &amp; R Shop Name</b>	<b>Station #</b>	<b>Street Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code</b>
Andy's Tire & Auto Service	654	3001 Washington Ave	Alton	IL	62002
Weber Chevrolet	655	701 Old State Route 3	Columbia	IL	62236
Edwardsville Auto	656	503 E Vandalia St.	Edwardsville	IL	62025
Bellside 7	657	15829 Bell Road	Homer Glen	IL	60491
Quality Tire Service	658	2420 Hiller Ridge	Johnsburg	IL	60051
Keith's Car Care	659	78 Stonehill Road	Oswego	IL	60543
Kennedy Auto Repair	660	55 North St.	Park Forest	IL	60466
Meineke	662	376 Sundown Rd	South Elgin	IL	60177
De Re Tire & Auto	663	430 Nelson Road	New Lenox	IL	60451

Six (6) I & R stations are in the Chicago NAA (Stations #657 – 660, and 662, 663), and three (3) in the Metro-East St. Louis NAA (Stations #654, 655, and 656). During calendar year 2021, there were no changes to the participating I & R network for the vehicle testing program.

In 2021, 96,560 initial vehicle emissions tests, (or 5.1% of all 2021 initial vehicle emissions tests) were performed at I & R Stations. Keith's Car Care I & R station in Oswego, IL is depicted in Figure 2.

**Figure 2**  
**Keith's Car Care**  
**Certified I & R Station**



In 2021, approximately 1.9 million initial vehicle emissions tests were performed across the entire Illinois I/M network (centralized and I & R).

Each year the Illinois EPA files this report as required by, and which is intended to satisfy the reporting requirements contained in, 40 CFR 51.366. This report is for calendar year 2021 (January 1 - December 31, 2021). The required data is presented in Appendices A-D to differentiate the four types of reports as described in the CFR.



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Test Data Statistics

### **Appendix B**

Quality Assurance and Quality Control Reports

### **Appendix C**

Number of Equipment Audits by Station and Lane

### **Appendix D**

Enforcement Report

## **Code of Federal Regulations (40 CFR) Key**

Section 51.366(a)(1): Vehicles Tested by Model Year (Initial Test Only)

Section 51.366(a)(2)(i): Number and Percentage of Vehicles Failing Initial Test

Section 51.366(a)(2)(ii/iii): First Retest Results for Initially Failed Vehicles

Section 51.366(a)(2)(iv): Initially Failed Vehicles Passing 2<sup>nd</sup> or Subsequent Retest

Section 51.366(a)(2)(v): Initially Failed Vehicles Receiving a Waiver

Section 51.366(a)(2)(vi): Initially Tested Vehicles with no Known Final Outcome

Section 51.366(a)(2)(xi/xii): Vehicles OBD Test Results

Section 51.366(a)(2)(xix - xxii): Vehicles MIL and Code Status

Section 51.366(a)(2)(xxiii): Vehicles Rejected for OBD Readiness

Section 51.366(a)(3): Initial Test by Model Year and Station (Centralized and I & R)

Section 51.366(a)(4): Initial Test Failure Rate by Model Year and Station (Centralized and I & R)

Section 51.366(b): Quality Assurance Reporting

Section 51.366(c): Quality Control Reporting

Section 51.366(d): Enforcement Reporting

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## Test Data Statistics

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**Table A-1**  
**ALL Vehicles Tested by Model Year (Initial Test Only)**

<div> <b>2021 TESTS</b>            ALL VEHICLES TESTED BY MODEL YEAR (Initial Tests Only)            Included: OBD and Visual Tests that end in Pass or Fail            Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests         </div>				
MY	VEHICLE TYPE	OBD TESTS	VISUAL TESTS	ALL TESTS
1996	ALL	2,491	26	2,517
1997	ALL	16,924	313	17,237
1998	ALL	5,245	103	5,348
1999	ALL	31,223	422	31,645
2000	ALL	9,605	112	9,717
2001	ALL	47,229	565	47,794
2002	ALL	15,734	130	15,864
2003	ALL	78,740	856	79,596
2004	ALL	23,148	193	23,341
2005	ALL	112,919	1,122	114,041
2006	ALL	28,489	356	28,845
2007	ALL	150,137	1,488	151,625
2008	ALL	36,586	298	36,884
2009	ALL	122,882	1,103	123,985
2010	ALL	32,755	264	33,019
2011	ALL	171,891	1,607	173,498
2012	ALL	42,667	335	43,002
2013	ALL	234,108	1,883	235,991
2014	ALL	50,803	318	51,121
2015	ALL	292,116	2,736	294,852
2016	ALL	62,731	464	63,195
2017	ALL	301,066	3,439	304,505
2018	ALL	17,326	6	17,332
<b>Total</b>	<b>ALL</b>	<b>1,886,815</b>	<b>18,139</b>	<b>1,904,954</b>

**Table A-2**  
**LDV Tested by Model Year (Initial Test Only)**

<p><b>2021 TESTS</b></p> <p><b>LIGHT DUTY PASSENGER VEHICLES TESTED BY MODEL YEAR</b>          (Initial Tests Only)</p> <p>Included: OBD and Visual Tests that end in Pass or Fail          Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests</p>
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MY	VEHICLE TYPE	OBD TESTS	VISUAL TESTS	ALL TESTS
1996	LDV	1,356	19	1,375
1997	LDV	8,519	217	8,736
1998	LDV	2,641	72	2,713
1999	LDV	15,086	264	15,350
2000	LDV	4,818	66	4,884
2001	LDV	23,526	285	23,811
2002	LDV	7,190	78	7,268
2003	LDV	37,569	471	38,040
2004	LDV	10,533	123	10,656
2005	LDV	54,843	570	55,413
2006	LDV	14,853	259	15,112
2007	LDV	77,955	915	78,870
2008	LDV	18,589	171	18,760
2009	LDV	74,614	717	75,331
2010	LDV	18,199	163	18,362
2011	LDV	89,141	927	90,068
2012	LDV	23,903	209	24,112
2013	LDV	132,650	1,117	133,767
2014	LDV	26,813	189	27,002
2015	LDV	143,532	1,669	145,201
2016	LDV	30,705	241	30,946
2017	LDV	134,034	1,689	135,723
2018	LDV	4,613	2	4,615
<b>Total</b>	<b>LDV</b>	<b>955,682</b>	<b>10,433</b>	<b>966,115</b>

**Table A-3**  
**LDT Tested by Model Year (Initial Test Only)**

<div> <div>2021 TESTS</div> <div> LIGHT DUTY TRUCKS (1 &amp; 2) TESTED BY MODEL YEAR (Initial Tests Only) </div> <div> Included: OBD and Visual Tests that end in Pass or Fail  Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests </div> </div>				
MY	VEHICLE TYPE	OBD TESTS	VISUAL TESTS	ALL TESTS
1996	LDT	1,135	7	1,142
1997	LDT	8,405	96	8,501
1998	LDT	2,604	31	2,635
1999	LDT	16,137	158	16,295
2000	LDT	4,787	46	4,833
2001	LDT	23,703	280	23,983
2002	LDT	8,544	52	8,596
2003	LDT	41,171	385	41,556
2004	LDT	12,615	70	12,685
2005	LDT	58,076	552	58,628
2006	LDT	13,636	97	13,733
2007	LDT	68,731	540	69,271
2008	LDT	16,788	109	16,897
2009	LDT	45,591	366	45,957
2010	LDT	13,909	100	14,009
2011	LDT	79,304	653	79,957
2012	LDT	17,682	119	17,801
2013	LDT	97,631	732	98,363
2014	LDT	22,966	115	23,081
2015	LDT	141,596	976	142,572
2016	LDT	30,493	214	30,707
2017	LDT	159,460	1,646	161,106
2018	LDT	12,530	4	12,534
<b>Total</b>	<b>LDT</b>	<b>897,494</b>	<b>7,348</b>	<b>904,842</b>



**Table A-4**  
**HDV Tested by Model Year (Initial Test Only)**

<div> <div>2021 TESTS</div> <div> HEAVY DUTY VEHICLES TESTED BY MODEL YEAR (Initial Tests Only)  Included: OBD and Visual Tests that end in Pass or Fail  Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests </div> </div>				
MY	VEHICLE TYPE	OBD TESTS	VISUAL TESTS	ALL TESTS
1996	HDV	0	0	0
1997	HDV	0	0	0
1998	HDV	0	0	0
1999	HDV	0	0	0
2000	HDV	0	0	0
2001	HDV	0	0	0
2002	HDV	0	0	0
2003	HDV	0	0	0
2004	HDV	0	0	0
2005	HDV	0	0	0
2006	HDV	0	0	0
2007	HDV	3,451	33	3,484
2008	HDV	1,209	18	1,227
2009	HDV	2,677	20	2,697
2010	HDV	647	1	648
2011	HDV	3,446	27	3,473
2012	HDV	1,082	7	1,089
2013	HDV	3,827	34	3,861
2014	HDV	1,024	14	1,038
2015	HDV	6,988	91	7,079
2016	HDV	1,533	9	1,542
2017	HDV	7,572	104	7,676
2018	HDV	183	0	183
<b>Total</b>	<b>HDV</b>	<b>33,639</b>	<b>358</b>	<b>33,997</b>

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-5**  
**Number and Percentage of ALL Vehicles Failing Initial Test**

<b>2021 TESTS</b> NUMBER AND PERCENTAGE OF ALL VEHICLES FAILING INITIAL TEST Included: Initial OBD and Visual Tests Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests										
MY	VEHICLE TYPE	OBD TESTS			VISUAL TESTS			ALL TESTS		
		TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE
1996	ALL	2,491	381	15.3%	26	3	11.5%	2,517	384	15.3%
1997	ALL	16,924	1,614	9.5%	313	22	7.0%	17,237	1,636	9.5%
1998	ALL	5,245	682	13.0%	103	19	18.4%	5,348	701	13.1%
1999	ALL	31,223	2,776	8.9%	422	41	9.7%	31,645	2,817	8.9%
2000	ALL	9,605	1,268	13.2%	112	19	17.0%	9,717	1,287	13.2%
2001	ALL	47,229	5,002	10.6%	565	58	10.3%	47,794	5,060	10.6%
2002	ALL	15,734	2,291	14.6%	130	16	12.3%	15,864	2,307	14.5%
2003	ALL	78,740	6,461	8.2%	856	78	9.1%	79,596	6,539	8.2%
2004	ALL	23,148	2,639	11.4%	193	23	11.9%	23,341	2,662	11.4%
2005	ALL	112,919	8,018	7.1%	1,122	68	6.1%	114,041	8,086	7.1%
2006	ALL	28,489	3,062	10.7%	356	50	14.0%	28,845	3,112	10.8%
2007	ALL	150,137	8,532	5.7%	1,488	74	5.0%	151,625	8,606	5.7%
2008	ALL	36,586	3,081	8.4%	298	29	9.7%	36,884	3,110	8.4%
2009	ALL	122,882	5,387	4.4%	1,103	44	4.0%	123,985	5,431	4.4%
2010	ALL	32,755	2,088	6.4%	264	17	6.4%	33,019	2,105	6.4%
2011	ALL	171,891	5,459	3.2%	1,607	35	2.2%	173,498	5,494	3.2%
2012	ALL	42,667	1,933	4.5%	335	11	3.3%	43,002	1,944	4.5%
2013	ALL	234,108	4,916	2.1%	1,883	32	1.7%	235,991	4,948	2.1%
2014	ALL	50,803	1,519	3.0%	318	12	3.8%	51,121	1,531	3.0%
2015	ALL	292,116	4,083	1.4%	2,736	17	0.6%	294,852	4,100	1.4%
2016	ALL	62,731	1,106	1.8%	464	12	2.6%	63,195	1,118	1.8%
2017	ALL	301,066	2,677	0.9%	3,439	33	1.0%	304,505	2,710	0.9%
2018	ALL	17,326	108	0.6%	6	0	0.0%	17,332	108	0.6%
<b>Total</b>	<b>ALL</b>	<b>1,886,815</b>	<b>75,083</b>	<b>4.0%</b>	<b>18,139</b>	<b>713</b>	<b>3.9%</b>	<b>1,904,954</b>	<b>75,796</b>	<b>4.0%</b>

**Table A-6**  
**Number and Percentage of LDV Failing Initial Test**

2021 TESTS										
NUMBER AND PERCENTAGE OF LIGHT DUTY PASSENGER VEHICLES FAILING INITIAL TEST										
Included: Initial OBD and Visual Tests										
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests										
MY	VEHICLE TYPE	OBD TESTS			VISUAL TESTS			ALL TESTS		
		TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE
1996	LDV	1,356	160	11.8%	19	2	10.5%	1,375	162	11.8%
1997	LDV	8,519	657	7.7%	217	12	5.5%	8,736	669	7.7%
1998	LDV	2,641	337	12.8%	72	12	16.7%	2,713	349	12.9%
1999	LDV	15,086	1,237	8.2%	264	23	8.7%	15,350	1,260	8.2%
2000	LDV	4,818	672	13.9%	66	11	16.7%	4,884	683	14.0%
2001	LDV	23,526	2,435	10.4%	285	21	7.4%	23,811	2,456	10.3%
2002	LDV	7,190	1,015	14.1%	78	7	9.0%	7,268	1,022	14.1%
2003	LDV	37,569	3,017	8.0%	471	36	7.6%	38,040	3,053	8.0%
2004	LDV	10,533	1,195	11.3%	123	15	12.2%	10,656	1,210	11.4%
2005	LDV	54,843	3,762	6.9%	570	30	5.3%	55,413	3,792	6.8%
2006	LDV	14,853	1,620	10.9%	259	36	13.9%	15,112	1,656	11.0%
2007	LDV	77,955	4,101	5.3%	915	37	4.0%	78,870	4,138	5.2%
2008	LDV	18,589	1,575	8.5%	171	15	8.8%	18,760	1,590	8.5%
2009	LDV	74,614	2,917	3.9%	717	26	3.6%	75,331	2,943	3.9%
2010	LDV	18,199	1,088	6.0%	163	10	6.1%	18,362	1,098	6.0%
2011	LDV	89,141	2,807	3.1%	927	21	2.3%	90,068	2,828	3.1%
2012	LDV	23,903	1,048	4.4%	209	5	2.4%	24,112	1,053	4.4%
2013	LDV	132,650	2,763	2.1%	1,117	22	2.0%	133,767	2,785	2.1%
2014	LDV	26,813	853	3.2%	189	7	3.7%	27,002	860	3.2%
2015	LDV	143,532	2,192	1.5%	1,669	8	0.5%	145,201	2,200	1.5%
2016	LDV	30,705	615	2.0%	241	9	3.7%	30,946	624	2.0%
2017	LDV	134,034	1,343	1.0%	1,689	19	1.1%	135,723	1,362	1.0%
2018	LDV	4,613	30	0.7%	2	0	0.0%	4,615	30	0.7%
<b>Total</b>	<b>LDV</b>	<b>955,682</b>	<b>37,439</b>	<b>3.9%</b>	<b>10,433</b>	<b>384</b>	<b>3.7%</b>	<b>966,115</b>	<b>37,823</b>	<b>3.9%</b>

**Table A-7**  
**Number and Percentage of LDT Failing Initial Test**

<b>2021 TESTS</b> NUMBER AND PERCENTAGE OF LIGHT DUTY TRUCKS (1 & 2) FAILING INITIAL TEST Included: Initial OBD and Visual Tests Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests										
MY	VEHICLE TYPE	OBD TESTS			VISUAL TESTS			ALL TESTS		
		TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE
1996	LDT	1,135	221	19.5%	7	1	14.3%	1,142	222	19.4%
1997	LDT	8,405	957	11.4%	96	10	10.4%	8,501	967	11.4%
1998	LDT	2,604	345	13.2%	31	7	22.6%	2,635	352	13.4%
1999	LDT	16,137	1,539	9.5%	158	18	11.4%	16,295	1,557	9.6%
2000	LDT	4,787	596	12.5%	46	8	17.4%	4,833	604	12.5%
2001	LDT	23,703	2,567	10.8%	280	37	13.2%	23,983	2,604	10.9%
2002	LDT	8,544	1,276	14.9%	52	9	17.3%	8,596	1,285	14.9%
2003	LDT	41,171	3,444	8.4%	385	42	10.9%	41,556	3,486	8.4%
2004	LDT	12,615	1,444	11.4%	70	8	11.4%	12,685	1,452	11.4%
2005	LDT	58,076	4,256	7.3%	552	38	6.9%	58,628	4,294	7.3%
2006	LDT	13,636	1,442	10.6%	97	14	14.4%	13,733	1,456	10.6%
2007	LDT	68,731	4,145	6.0%	540	33	6.1%	69,271	4,178	6.0%
2008	LDT	16,788	1,396	8.3%	109	13	11.9%	16,897	1,409	8.3%
2009	LDT	45,591	2,311	5.1%	366	18	4.9%	45,957	2,329	5.1%
2010	LDT	13,909	952	6.8%	100	7	7.0%	14,009	959	6.8%
2011	LDT	79,304	2,474	3.1%	653	14	2.1%	79,957	2,488	3.1%
2012	LDT	17,682	822	4.6%	119	6	5.0%	17,801	828	4.7%
2013	LDT	97,631	2,012	2.1%	732	10	1.4%	98,363	2,022	2.1%
2014	LDT	22,966	615	2.7%	115	4	3.5%	23,081	619	2.7%
2015	LDT	141,596	1,709	1.2%	976	9	0.9%	142,572	1,718	1.2%
2016	LDT	30,493	446	1.5%	214	3	1.4%	30,707	449	1.5%
2017	LDT	159,460	1,146	0.7%	1,646	13	0.8%	161,106	1,159	0.7%
2018	LDT	12,530	75	0.6%	4	0	0.0%	12,534	75	0.6%
<b>Total</b>	<b>LDT</b>	<b>897,494</b>	<b>36,190</b>	<b>4.0%</b>	<b>7,348</b>	<b>322</b>	<b>4.4%</b>	<b>904,842</b>	<b>36,512</b>	<b>4.0%</b>

**Table A-8**  
**Number and Percentage of HDV Failing Initial Test**

<b>2021 TESTS</b>										
<b>NUMBER AND PERCENTAGE OF HEAVY DUTY VEHICLES FAILING INITIAL TEST</b>										
Included: Initial OBD and Visual Tests										
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests										

MY	VEHICLE TYPE	OBD TESTS			VISUAL TESTS			ALL TESTS		
		TESTED	FAIL	RATE	TESTED	FAIL	RATE	TESTED	FAIL	RATE
1996	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
1997	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
1998	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
1999	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2000	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2001	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2002	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2003	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2004	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2005	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2006	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%
2007	HDV	3,451	286	8.3%	33	4	12.1%	3,484	290	8.3%
2008	HDV	1,209	110	9.1%	18	1	5.6%	1,227	111	9.0%
2009	HDV	2,677	159	5.9%	20	0	0.0%	2,697	159	5.9%
2010	HDV	647	48	7.4%	1	0	0.0%	648	48	7.4%
2011	HDV	3,446	178	5.2%	27	0	0.0%	3,473	178	5.1%
2012	HDV	1,082	63	5.8%	7	0	0.0%	1,089	63	5.8%
2013	HDV	3,827	141	3.7%	34	0	0.0%	3,861	141	3.7%
2014	HDV	1,024	51	5.0%	14	1	7.1%	1,038	52	5.0%
2015	HDV	6,988	182	2.6%	91	0	0.0%	7,079	182	2.6%
2016	HDV	1,533	45	2.9%	9	0	0.0%	1,542	45	2.9%
2017	HDV	7,572	188	2.5%	104	1	1.0%	7,676	189	2.5%
2018	HDV	183	3	1.6%	0	0	0.0%	183	3	1.6%
<b>Total</b>	<b>HDV</b>	<b>33,639</b>	<b>1,454</b>	<b>4.3%</b>	<b>358</b>	<b>7</b>	<b>2.0%</b>	<b>33,997</b>	<b>1,461</b>	<b>4.3%</b>

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-9**  
**First Retest Results for ALL Initially Failed Vehicles**

**2021 TESTS**

**FIRST RETEST RESULTS FOR ALL INITIALLY FAILED VEHICLES**

Included: 1st OBD Retests and 1st Visual Retests

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests

MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE
1996	ALL	289	222	76.8%	66	22.8%	2	1	50.0%	1	50.0%	291	224	77.0%	67	23.0%
1997	ALL	1,159	905	78.1%	248	21.4%	21	15	71.4%	6	28.6%	1,180	926	78.5%	254	21.5%
1998	ALL	538	412	76.6%	123	22.9%	21	18	85.7%	3	14.3%	559	433	77.5%	126	22.5%
1999	ALL	1,927	1,601	83.1%	322	16.7%	35	31	88.6%	4	11.4%	1,962	1,636	83.4%	326	16.6%
2000	ALL	1,016	783	77.1%	232	22.8%	12	11	91.7%	1	8.3%	1,028	795	77.3%	233	22.7%
2001	ALL	3,469	2,832	81.6%	626	18.0%	62	51	82.3%	11	17.7%	3,531	2,894	82.0%	637	18.0%
2002	ALL	1,826	1,427	78.1%	391	21.4%	29	21	72.4%	8	27.6%	1,855	1,456	78.5%	399	21.5%
2003	ALL	4,576	3,942	86.1%	625	13.7%	78	69	88.5%	9	11.5%	4,654	4,020	86.4%	634	13.6%
2004	ALL	2,254	1,813	80.4%	432	19.2%	35	26	74.3%	9	25.7%	2,289	1,848	80.7%	441	19.3%
2005	ALL	5,642	4,900	86.8%	735	13.0%	65	58	89.2%	7	10.8%	5,707	4,965	87.0%	742	13.0%
2006	ALL	2,549	2,105	82.6%	435	17.1%	47	38	80.9%	9	19.1%	2,596	2,152	82.9%	444	17.1%
2007	ALL	6,142	5,329	86.8%	809	13.2%	89	85	95.5%	4	4.5%	6,231	5,418	87.0%	813	13.0%
2008	ALL	2,684	2,205	82.2%	475	17.7%	34	30	88.2%	4	11.8%	2,718	2,239	82.4%	479	17.6%
2009	ALL	3,969	3,508	88.4%	456	11.5%	57	52	91.2%	5	8.8%	4,026	3,565	88.5%	461	11.5%
2010	ALL	1,916	1,614	84.2%	299	15.6%	33	30	90.9%	3	9.1%	1,949	1,647	84.5%	302	15.5%
2011	ALL	4,068	3,635	89.4%	431	10.6%	58	56	96.6%	2	3.4%	4,126	3,693	89.5%	433	10.5%
2012	ALL	1,807	1,596	88.3%	209	11.6%	24	22	91.7%	2	8.3%	1,831	1,620	88.5%	211	11.5%
2013	ALL	3,783	3,474	91.8%	306	8.1%	40	37	92.5%	3	7.5%	3,823	3,514	91.9%	309	8.1%
2014	ALL	1,657	1,505	90.8%	152	9.2%	23	23	100.0%	0	0.0%	1,680	1,528	91.0%	152	9.0%
2015	ALL	3,238	3,034	93.7%	203	6.3%	36	35	97.2%	1	2.8%	3,274	3,070	93.8%	204	6.2%
2016	ALL	1,174	1,073	91.4%	100	8.5%	19	18	94.7%	1	5.3%	1,193	1,092	91.5%	101	8.5%
2017	ALL	2,080	1,949	93.7%	126	6.1%	31	26	83.9%	5	16.1%	2,111	1,980	93.8%	131	6.2%
2018	ALL	61	55	90.2%	6	9.8%	0	0	0.0%	0	0.0%	61	55	90.2%	6	9.8%
<b>Total</b>	<b>ALL</b>	<b>57,824</b>	<b>49,919</b>	<b>86.3%</b>	<b>7,807</b>	<b>13.5%</b>	<b>851</b>	<b>753</b>	<b>88.5%</b>	<b>98</b>	<b>11.5%</b>	<b>58,675</b>	<b>50,770</b>	<b>86.5%</b>	<b>7,905</b>	<b>13.5%</b>

**Table A-10**  
**First Retest Results for Initially Failed LDV**

**2021 TESTS**

**FIRST RETEST RESULTS FOR INITIAL FAILED LIGHT DUTY PASSENGER VEHICLES**

Included: 1st OBD Retests and 1st Visual Retests

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests

MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE
1996	LDV	136	106	77.9%	30	22.1%	1	1	100.0%	0	0.0%	137	107	78.1%	30	21.9%
1997	LDV	470	384	81.7%	83	17.7%	15	12	80.0%	3	20.0%	485	399	82.3%	86	17.7%
1998	LDV	261	200	76.6%	59	22.6%	13	11	84.6%	2	15.4%	274	213	77.7%	61	22.3%
1999	LDV	855	713	83.4%	140	16.4%	24	22	91.7%	2	8.3%	879	737	83.8%	142	16.2%
2000	LDV	540	423	78.3%	117	21.7%	5	5	100.0%	0	0.0%	545	428	78.5%	117	21.5%
2001	LDV	1,639	1,343	81.9%	291	17.8%	34	29	85.3%	5	14.7%	1,673	1,377	82.3%	296	17.7%
2002	LDV	791	615	77.7%	172	21.7%	14	10	71.4%	4	28.6%	805	629	78.1%	176	21.9%
2003	LDV	2,085	1,773	85.0%	304	14.6%	50	42	84.0%	8	16.0%	2,135	1,823	85.4%	312	14.6%
2004	LDV	996	798	80.1%	193	19.4%	19	14	73.7%	5	26.3%	1,015	817	80.5%	198	19.5%
2005	LDV	2,641	2,315	87.7%	322	12.2%	34	30	88.2%	4	11.8%	2,675	2,349	87.8%	326	12.2%
2006	LDV	1,309	1,085	82.9%	219	16.7%	34	29	85.3%	5	14.7%	1,343	1,119	83.3%	224	16.7%
2007	LDV	2,922	2,549	87.2%	371	12.7%	52	50	96.2%	2	3.8%	2,974	2,601	87.5%	373	12.5%
2008	LDV	1,320	1,100	83.3%	219	16.6%	11	10	90.9%	1	9.1%	1,331	1,111	83.5%	220	16.5%
2009	LDV	2,145	1,893	88.3%	251	11.7%	34	33	97.1%	1	2.9%	2,179	1,927	88.4%	252	11.6%
2010	LDV	1,026	859	83.7%	164	16.0%	22	19	86.4%	3	13.6%	1,048	881	84.1%	167	15.9%
2011	LDV	2,113	1,888	89.4%	225	10.6%	31	31	100.0%	0	0.0%	2,144	1,919	89.5%	225	10.5%
2012	LDV	998	891	89.3%	105	10.5%	16	14	87.5%	2	12.5%	1,014	907	89.4%	107	10.6%
2013	LDV	2,103	1,914	91.0%	186	8.8%	28	25	89.3%	3	10.7%	2,131	1,942	91.1%	189	8.9%
2014	LDV	937	851	90.8%	86	9.2%	12	12	100.0%	0	0.0%	949	863	90.9%	86	9.1%
2015	LDV	1,712	1,592	93.0%	119	7.0%	18	17	94.4%	1	5.6%	1,730	1,610	93.1%	120	6.9%
2016	LDV	629	573	91.1%	55	8.7%	10	9	90.0%	1	10.0%	639	583	91.2%	56	8.8%
2017	LDV	988	919	93.0%	67	6.8%	15	13	86.7%	2	13.3%	1,003	934	93.1%	69	6.9%
2018	LDV	17	16	94.1%	1	5.9%	0	0	0.0%	0	0.0%	17	16	94.1%	1	5.9%
<b>Total</b>	<b>LDV</b>	<b>28,633</b>	<b>24,800</b>	<b>86.6%</b>	<b>3,779</b>	<b>13.2%</b>	<b>492</b>	<b>438</b>	<b>89.0%</b>	<b>54</b>	<b>11.0%</b>	<b>29,125</b>	<b>25,292</b>	<b>86.8%</b>	<b>3,833</b>	<b>13.2%</b>

**Table A-11**  
**First Retest Results for Initially Failed LDT**

**2021 TESTS**

FIRST RETEST RESULTS FOR INITIAL FAILED LIGHT DUTY TRUCKS (1 & 2)

Included: 1st OBD Retests and 1st Visual Retests

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests

MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE
1996	LDT	153	116	75.8%	36	23.5%	1	0	0.0%	1	100.0%	154	117	76.0%	37	24.0%
1997	LDT	689	521	75.6%	165	23.9%	6	3	50.0%	3	50.0%	695	527	75.8%	168	24.2%
1998	LDT	277	212	76.5%	64	23.1%	8	7	87.5%	1	12.5%	285	220	77.2%	65	22.8%
1999	LDT	1,072	888	82.8%	182	17.0%	11	9	81.8%	2	18.2%	1,083	899	83.0%	184	17.0%
2000	LDT	476	360	75.6%	115	24.2%	7	6	85.7%	1	14.3%	483	367	76.0%	116	24.0%
2001	LDT	1,830	1,489	81.4%	335	18.3%	28	22	78.6%	6	21.4%	1,858	1,517	81.6%	341	18.4%
2002	LDT	1,035	812	78.5%	219	21.2%	15	11	73.3%	4	26.7%	1,050	827	78.8%	223	21.2%
2003	LDT	2,491	2,169	87.1%	321	12.9%	28	27	96.4%	1	3.6%	2,519	2,197	87.2%	322	12.8%
2004	LDT	1,257	1,014	80.7%	239	19.0%	16	12	75.0%	4	25.0%	1,273	1,030	80.9%	243	19.1%
2005	LDT	3,001	2,585	86.1%	413	13.8%	31	28	90.3%	3	9.7%	3,032	2,616	86.3%	416	13.7%
2006	LDT	1,240	1,020	82.3%	216	17.4%	13	9	69.2%	4	30.8%	1,253	1,033	82.4%	220	17.6%
2007	LDT	2,992	2,591	86.6%	400	13.4%	33	32	97.0%	1	3.0%	3,025	2,624	86.7%	401	13.3%
2008	LDT	1,259	1,012	80.4%	245	19.5%	22	20	90.9%	2	9.1%	1,281	1,034	80.7%	247	19.3%
2009	LDT	1,698	1,501	88.4%	193	11.4%	21	17	81.0%	4	19.0%	1,719	1,522	88.5%	197	11.5%
2010	LDT	849	719	84.7%	130	15.3%	10	10	100.0%	0	0.0%	859	729	84.9%	130	15.1%
2011	LDT	1,817	1,617	89.0%	199	11.0%	24	23	95.8%	1	4.2%	1,841	1,641	89.1%	200	10.9%
2012	LDT	744	648	87.1%	96	12.9%	8	8	100.0%	0	0.0%	752	656	87.2%	96	12.8%
2013	LDT	1,580	1,465	92.7%	115	7.3%	9	9	100.0%	0	0.0%	1,589	1,474	92.8%	115	7.2%
2014	LDT	666	606	91.0%	60	9.0%	10	10	100.0%	0	0.0%	676	616	91.1%	60	8.9%
2015	LDT	1,376	1,306	94.9%	70	5.1%	16	16	100.0%	0	0.0%	1,392	1,322	95.0%	70	5.0%
2016	LDT	506	464	91.7%	42	8.3%	7	7	100.0%	0	0.0%	513	471	91.8%	42	8.2%
2017	LDT	932	880	94.4%	49	5.3%	14	11	78.6%	3	21.4%	946	894	94.5%	52	5.5%
2018	LDT	43	38	88.4%	5	11.6%	0	0	0.0%	0	0.0%	43	38	88.4%	5	11.6%
Total	LDT	27,983	24,033	85.9%	3,909	14.0%	338	297	87.9%	41	12.1%	28,321	24,371	86.1%	3,950	13.9%



**Table A-12**  
**First Retest Results for Initially Failed HDV**

**2021 TESTS**

**FIRST RETEST RESULTS FOR INITIAL FAILED HEAVY DUTY VEHICLES**

Included: 1st OBD Retests and 1st Visual Retests

Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests

MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE	1st RETEST	PASS	P RATE	FAIL	F RATE
1996	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
1997	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
1998	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
1999	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2000	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2001	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2002	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2003	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2004	HDV	1	1	100.0%	0	0.0%	0	0	0.0%	0	0.0%	1	1	100.0%	0	0.0%
2005	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2006	HDV	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%
2007	HDV	228	189	82.9%	38	16.7%	4	3	75.0%	1	25.0%	232	193	83.2%	39	16.8%
2008	HDV	105	93	88.6%	11	10.5%	1	0	0.0%	1	100.0%	106	94	88.7%	12	11.3%
2009	HDV	126	114	90.5%	12	9.5%	2	2	100.0%	0	0.0%	128	116	90.6%	12	9.4%
2010	HDV	41	36	87.8%	5	12.2%	1	1	100.0%	0	0.0%	42	37	88.1%	5	11.9%
2011	HDV	138	130	94.2%	7	5.1%	3	2	66.7%	1	33.3%	141	133	94.3%	8	5.7%
2012	HDV	65	57	87.7%	8	12.3%	0	0	0.0%	0	0.0%	65	57	87.7%	8	12.3%
2013	HDV	100	95	95.0%	5	5.0%	3	3	100.0%	0	0.0%	103	98	95.1%	5	4.9%
2014	HDV	54	48	88.9%	6	11.1%	1	1	100.0%	0	0.0%	55	49	89.1%	6	10.9%
2015	HDV	150	136	90.7%	14	9.3%	2	2	100.0%	0	0.0%	152	138	90.8%	14	9.2%
2016	HDV	39	36	92.3%	3	7.7%	2	2	100.0%	0	0.0%	41	38	92.7%	3	7.3%
2017	HDV	160	150	93.8%	10	6.3%	2	2	100.0%	0	0.0%	162	152	93.8%	10	6.2%
2018	HDV	1	1	100.0%	0	0.0%	0	0	0.0%	0	0.0%	1	1	100.0%	0	0.0%
Total	HDV	1,208	1,086	89.9%	119	9.9%	21	18	85.7%	3	14.3%	1,229	1,107	90.1%	122	9.9%

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-13**  
**ALL Initially Failed Vehicles Passing 2<sup>nd</sup> or Subsequent Retest**

2021 TESTS																
ALL INITIALLY FAILED VEHICLES PASSING THE SECOND OR SUBSEQUENT RETEST																
Included: 2nd or Greater OBD Retests and 2nd or Greater Visual Retests																
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests																
MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND
1996	ALL	381	73	40	10.5%	54.8%	3	0	0	0.0%	0.0%	384	73	40	10.4%	54.8%
1997	ALL	1,614	221	127	7.9%	57.5%	22	4	4	18.2%	100.0%	1,636	225	131	8.0%	58.2%
1998	ALL	682	108	64	9.4%	59.3%	19	3	3	15.8%	100.0%	701	111	67	9.6%	60.4%
1999	ALL	2,776	276	191	6.9%	69.2%	41	3	3	7.3%	100.0%	2,817	279	194	6.9%	69.5%
2000	ALL	1,268	223	139	11.0%	62.3%	19	5	5	26.3%	100.0%	1,287	228	144	11.2%	63.2%
2001	ALL	5,002	492	330	6.6%	67.1%	58	4	4	6.9%	100.0%	5,060	496	334	6.6%	67.3%
2002	ALL	2,291	329	212	9.3%	64.4%	16	2	2	12.5%	100.0%	2,307	331	214	9.3%	64.7%
2003	ALL	6,461	524	374	5.8%	71.4%	78	5	5	6.4%	100.0%	6,539	529	379	5.8%	71.6%
2004	ALL	2,639	385	246	9.3%	63.9%	23	11	11	47.8%	100.0%	2,662	396	257	9.7%	64.9%
2005	ALL	8,018	580	417	5.2%	71.9%	68	12	12	17.6%	100.0%	8,086	592	429	5.3%	72.5%
2006	ALL	3,062	390	250	8.2%	64.1%	50	11	11	22.0%	100.0%	3,112	401	261	8.4%	65.1%
2007	ALL	8,532	639	438	5.1%	68.5%	74	6	6	8.1%	100.0%	8,606	645	444	5.2%	68.8%
2008	ALL	3,081	410	281	9.1%	68.5%	29	4	4	13.8%	100.0%	3,110	414	285	9.2%	68.8%
2009	ALL	5,387	367	260	4.8%	70.8%	44	8	8	18.2%	100.0%	5,431	375	268	4.9%	71.5%
2010	ALL	2,088	265	184	8.8%	69.4%	17	5	5	29.4%	100.0%	2,105	270	189	9.0%	70.0%
2011	ALL	5,459	339	248	4.5%	73.2%	35	4	4	11.4%	100.0%	5,494	343	252	4.6%	73.5%
2012	ALL	1,933	188	134	6.9%	71.3%	11	4	4	36.4%	100.0%	1,944	192	138	7.1%	71.9%
2013	ALL	4,916	254	197	4.0%	77.6%	32	6	6	18.8%	100.0%	4,948	260	203	4.1%	78.1%
2014	ALL	1,519	144	110	7.2%	76.4%	12	5	5	41.7%	100.0%	1,531	149	115	7.5%	77.2%
2015	ALL	4,083	164	119	2.9%	72.6%	17	1	1	5.9%	100.0%	4,100	165	120	2.9%	72.7%
2016	ALL	1,106	103	83	7.5%	80.6%	12	1	1	8.3%	100.0%	1,118	104	84	7.5%	80.8%
2017	ALL	2,677	113	92	3.4%	81.4%	33	3	3	9.1%	100.0%	2,710	116	95	3.5%	81.9%
2018	ALL	108	9	4	3.7%	44.4%	0	0	0	0.0%	0.0%	108	9	4	3.7%	44.4%
Total	ALL	75,083	6,596	4,540	6.0%	68.8%	713	107	107	15.0%	100.0%	75,796	6,703	4,647	6.1%	69.3%

**Table A-14**  
**LDV Initially Failed Vehicles Passing 2<sup>nd</sup> or Subsequent Retest**

2021 TESTS																
INITIALLY FAILED LIGHT DUTY PASSENGER VEHICLES PASSING THE SECOND OR SUBSEQUENT RETEST																
Included: 2nd or Greater OBD Retests and 2nd or Greater Visual Retests																
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests																
MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND
1996	LDV	160	22	12	7.5%	54.5%	2	0	0	0.0%	0.0%	162	22	12	7.4%	54.5%
1997	LDV	657	78	45	6.8%	57.7%	12	0	0	0.0%	0.0%	669	78	45	6.7%	57.7%
1998	LDV	337	47	31	9.2%	66.0%	12	1	1	8.3%	100.0%	349	48	32	9.2%	66.7%
1999	LDV	1,237	120	85	6.9%	70.8%	23	2	2	8.7%	100.0%	1,260	122	87	6.9%	71.3%
2000	LDV	672	106	71	10.6%	67.0%	11	3	3	27.3%	100.0%	683	109	74	10.8%	67.9%
2001	LDV	2,435	223	149	6.1%	66.8%	21	1	1	4.8%	100.0%	2,456	224	150	6.1%	67.0%
2002	LDV	1,015	126	84	8.3%	66.7%	7	2	2	28.6%	100.0%	1,022	128	86	8.4%	67.2%
2003	LDV	3,017	252	179	5.9%	71.0%	36	2	2	5.6%	100.0%	3,053	254	181	5.9%	71.3%
2004	LDV	1,195	166	112	9.4%	67.5%	15	6	6	40.0%	100.0%	1,210	172	118	9.8%	68.6%
2005	LDV	3,762	251	180	4.8%	71.7%	30	3	3	10.0%	100.0%	3,792	254	183	4.8%	72.0%
2006	LDV	1,620	198	123	7.6%	62.1%	36	4	4	11.1%	100.0%	1,656	202	127	7.7%	62.9%
2007	LDV	4,101	289	203	5.0%	70.2%	37	3	3	8.1%	100.0%	4,138	292	206	5.0%	70.5%
2008	LDV	1,575	188	134	8.5%	71.3%	15	1	1	6.7%	100.0%	1,590	189	135	8.5%	71.4%
2009	LDV	2,917	208	150	5.1%	72.1%	26	3	3	11.5%	100.0%	2,943	211	153	5.2%	72.5%
2010	LDV	1,088	152	109	10.0%	71.7%	10	4	4	40.0%	100.0%	1,098	156	113	10.3%	72.4%
2011	LDV	2,807	176	132	4.7%	75.0%	21	1	1	4.8%	100.0%	2,828	177	133	4.7%	75.1%
2012	LDV	1,048	99	73	7.0%	73.7%	5	1	1	20.0%	100.0%	1,053	100	74	7.0%	74.0%
2013	LDV	2,763	142	115	4.2%	81.0%	22	2	2	9.1%	100.0%	2,785	144	117	4.2%	81.3%
2014	LDV	853	93	69	8.1%	74.2%	7	4	4	57.1%	100.0%	860	97	73	8.5%	75.3%
2015	LDV	2,192	106	73	3.3%	68.9%	8	0	0	0.0%	0.0%	2,200	106	73	3.3%	68.9%
2016	LDV	615	63	48	7.8%	76.2%	9	1	1	11.1%	100.0%	624	64	49	7.9%	76.6%
2017	LDV	1,343	62	48	3.6%	77.4%	19	2	2	10.5%	100.0%	1,362	64	50	3.7%	78.1%
2018	LDV	30	1	0	0.0%	0.0%	0	0	0	0.0%	0.0%	30	1	0	0.0%	0.0%
Total	LDV	37,439	3,168	2,225	5.9%	70.2%	384	46	46	12.0%	100.0%	37,823	3,214	2,271	6.0%	70.7%

**Table A-15**  
**LDT Initially Failed Vehicles Passing 2<sup>nd</sup> or Subsequent Retest**

<b>2021 TESTS</b>																
<b>INITIALLY FAILED LIGHT DUTY TRUCKS (1 &amp; 2) PASSING THE SECOND OR SUBSEQUENT RETEST</b>																
<b>Included: 2nd or Greater OBD Retests and 2nd or Greater Visual Retests</b>																
<b>Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests</b>																
<b>MY</b>	<b>VEHICLE TYPE</b>	<b>OBD TESTS</b>					<b>VISUAL TESTS</b>					<b>ALL TESTS</b>				
		<b>INIT FAIL</b>	<b>2ND+ RT</b>	<b>PASS</b>	<b>% INIT</b>	<b>% 2ND</b>	<b>INIT FAIL</b>	<b>2ND+ RT</b>	<b>PASS</b>	<b>% INIT</b>	<b>% 2ND</b>	<b>INIT FAIL</b>	<b>2ND+ RT</b>	<b>PASS</b>	<b>% INIT</b>	<b>% 2ND</b>
1996	LDT	221	51	28	12.7%	54.9%	1	0	0	0.0%	0.0%	222	51	28	12.6%	54.9%
1997	LDT	957	143	82	8.6%	57.3%	10	4	4	40.0%	100.0%	967	147	86	8.9%	58.5%
1998	LDT	345	61	33	9.6%	54.1%	7	2	2	28.6%	100.0%	352	63	35	9.9%	55.6%
1999	LDT	1,539	156	106	6.9%	67.9%	18	1	1	5.6%	100.0%	1,557	157	107	6.9%	68.2%
2000	LDT	596	117	68	11.4%	58.1%	8	2	2	25.0%	100.0%	604	119	70	11.6%	58.8%
2001	LDT	2,567	269	181	7.1%	67.3%	37	3	3	8.1%	100.0%	2,604	272	184	7.1%	67.6%
2002	LDT	1,276	203	128	10.0%	63.1%	9	0	0	0.0%	0.0%	1,285	203	128	10.0%	63.1%
2003	LDT	3,444	272	195	5.7%	71.7%	42	3	3	7.1%	100.0%	3,486	275	198	5.7%	72.0%
2004	LDT	1,444	219	134	9.3%	61.2%	8	5	5	62.5%	100.0%	1,452	224	139	9.6%	62.1%
2005	LDT	4,256	329	237	5.6%	72.0%	38	9	9	23.7%	100.0%	4,294	338	246	5.7%	72.8%
2006	LDT	1,442	192	127	8.8%	66.1%	14	7	7	50.0%	100.0%	1,456	199	134	9.2%	67.3%
2007	LDT	4,145	313	208	5.0%	66.5%	33	3	3	9.1%	100.0%	4,178	316	211	5.1%	66.8%
2008	LDT	1,396	204	135	9.7%	66.2%	13	3	3	23.1%	100.0%	1,409	207	138	9.8%	66.7%
2009	LDT	2,311	150	102	4.4%	68.0%	18	5	5	27.8%	100.0%	2,329	155	107	4.6%	69.0%
2010	LDT	952	109	71	7.5%	65.1%	7	1	1	14.3%	100.0%	959	110	72	7.5%	65.5%
2011	LDT	2,474	156	109	4.4%	69.9%	14	3	3	21.4%	100.0%	2,488	159	112	4.5%	70.4%
2012	LDT	822	85	58	7.1%	68.2%	6	3	3	50.0%	100.0%	828	88	61	7.4%	69.3%
2013	LDT	2,012	107	79	3.9%	73.8%	10	4	4	40.0%	100.0%	2,022	111	83	4.1%	74.8%
2014	LDT	615	45	35	5.7%	77.8%	4	1	1	25.0%	100.0%	619	46	36	5.8%	78.3%
2015	LDT	1,709	50	39	2.3%	78.0%	9	1	1	11.1%	100.0%	1,718	51	40	2.3%	78.4%
2016	LDT	446	38	33	7.4%	86.8%	3	0	0	0.0%	0.0%	449	38	33	7.3%	86.8%
2017	LDT	1,146	44	39	3.4%	88.6%	13	1	1	7.7%	100.0%	1,159	45	40	3.5%	88.9%
2018	LDT	75	8	4	5.3%	50.0%	0	0	0	0.0%	0.0%	75	8	4	5.3%	50.0%
<b>Total</b>	<b>LDT</b>	<b>36,190</b>	<b>3,321</b>	<b>2,231</b>	<b>6.2%</b>	<b>67.2%</b>	<b>322</b>	<b>61</b>	<b>61</b>	<b>18.9%</b>	<b>100.0%</b>	<b>36,512</b>	<b>3,382</b>	<b>2,292</b>	<b>6.3%</b>	<b>67.8%</b>

**Table A-16**  
**HDV Initially Failed Vehicles Passing 2<sup>nd</sup> or Subsequent Retest**

2021 TESTS																
INITIALLY FAILED HEAVY DUTY VEHICLES PASSING THE SECOND OR SUBSEQUENT RETEST																
Included: 2nd or Greater OBD Retests and 2nd or Greater Visual Retests																
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests																
MY	VEHICLE TYPE	OBD TESTS					VISUAL TESTS					ALL TESTS				
		INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND	INIT FAIL	2ND+ RT	PASS	% INIT	% 2ND
1996	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
1997	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
1998	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
1999	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2000	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2001	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2002	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2003	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2004	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2005	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2006	HDV	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
2007	HDV	286	37	27	9.4%	73.0%	4	0	0	0.0%	0.0%	290	37	27	9.3%	73.0%
2008	HDV	110	18	12	10.9%	66.7%	1	0	0	0.0%	0.0%	111	18	12	10.8%	66.7%
2009	HDV	159	9	8	5.0%	88.9%	0	0	0	0.0%	0.0%	159	9	8	5.0%	88.9%
2010	HDV	48	4	4	8.3%	100.0%	0	0	0	0.0%	0.0%	48	4	4	8.3%	100.0%
2011	HDV	178	7	7	3.9%	100.0%	0	0	0	0.0%	0.0%	178	7	7	3.9%	100.0%
2012	HDV	63	4	3	4.8%	75.0%	0	0	0	0.0%	0.0%	63	4	3	4.8%	75.0%
2013	HDV	141	5	3	2.1%	60.0%	0	0	0	0.0%	0.0%	141	5	3	2.1%	60.0%
2014	HDV	51	6	6	11.8%	100.0%	1	0	0	0.0%	0.0%	52	6	6	11.5%	100.0%
2015	HDV	182	8	7	3.8%	87.5%	0	0	0	0.0%	0.0%	182	8	7	3.8%	87.5%
2016	HDV	45	2	2	4.4%	100.0%	0	0	0	0.0%	0.0%	45	2	2	4.4%	100.0%
2017	HDV	188	7	5	2.7%	71.4%	1	0	0	0.0%	0.0%	189	7	5	2.6%	71.4%
2018	HDV	3	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%	3	0	0	0.0%	0.0%
Total	HDV	1,454	107	84	5.8%	78.5%	7	0	0	0.0%	0.0%	1,461	107	84	5.7%	78.5%

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-17**  
**ALL Initially Failed Vehicles Receiving a Repair Waiver**

<b>2021 TESTS</b> <b>ALL INITIALLY FAILED VEHICLES RECEIVING A REPAIR WAIVER</b>				
<b>MY</b>	<b>VEHICLE TYPE</b>	<b>INITIAL FAILS</b>	<b>WAIVER</b>	<b>RATE</b>
1996	ALL	384	5	1.3%
1997	ALL	1,636	2	0.1%
1998	ALL	701	5	0.7%
1999	ALL	2,817	6	0.2%
2000	ALL	1,287	13	1.0%
2001	ALL	5,060	43	0.8%
2002	ALL	2,307	13	0.6%
2003	ALL	6,539	29	0.4%
2004	ALL	2,662	14	0.5%
2005	ALL	8,086	38	0.5%
2006	ALL	3,112	36	1.2%
2007	ALL	8,606	42	0.5%
2008	ALL	3,110	28	0.9%
2009	ALL	5,431	31	0.6%
2010	ALL	2,105	9	0.4%
2011	ALL	5,494	13	0.2%
2012	ALL	1,944	6	0.3%
2013	ALL	4,948	12	0.2%
2014	ALL	1,531	6	0.4%
2015	ALL	4,100	10	0.2%
2016	ALL	1,118	6	0.5%
2017	ALL	2,710	3	0.1%
2018	ALL	108	0	0.0%
<b>Total</b>	<b>ALL</b>	<b>75,796</b>	<b>370</b>	<b>0.5%</b>

**Table A-18**  
**LDV Initially Failed Vehicles Receiving a Repair Waiver**

<div>2021 TESTS</div> <div>INITIALLY FAILED LIGHT DUTY PASSENGER VEHICLES RECEIVING A REPAIR WAIVER</div>				
MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	LDV	162	5	3.1%
1997	LDV	669	1	0.1%
1998	LDV	349	4	1.1%
1999	LDV	1,260	2	0.2%
2000	LDV	683	7	1.0%
2001	LDV	2,456	24	1.0%
2002	LDV	1,022	7	0.7%
2003	LDV	3,053	15	0.5%
2004	LDV	1,210	7	0.6%
2005	LDV	3,792	18	0.5%
2006	LDV	1,656	17	1.0%
2007	LDV	4,138	13	0.3%
2008	LDV	1,590	13	0.8%
2009	LDV	2,943	14	0.5%
2010	LDV	1,098	5	0.5%
2011	LDV	2,828	9	0.3%
2012	LDV	1,053	3	0.3%
2013	LDV	2,785	9	0.3%
2014	LDV	860	1	0.1%
2015	LDV	2,200	7	0.3%
2016	LDV	624	4	0.6%
2017	LDV	1,362	2	0.1%
2018	LDV	30	0	0.0%
<b>Total</b>	<b>LDV</b>	<b>37,823</b>	<b>187</b>	<b>0.5%</b>

**Table A-19**  
**LDT Initially Failed Vehicles Receiving a Repair Waiver**

<b>2021 TESTS</b> INITIALLY FAILED LIGHT DUTY TRUCKS (1 & 2) RECEIVING A REPAIR WAIVER
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MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	LDT	222	0	0.0%
1997	LDT	967	1	0.1%
1998	LDT	352	1	0.3%
1999	LDT	1,557	4	0.3%
2000	LDT	604	6	1.0%
2001	LDT	2,604	19	0.7%
2002	LDT	1,285	6	0.5%
2003	LDT	3,486	14	0.4%
2004	LDT	1,452	7	0.5%
2005	LDT	4,294	20	0.5%
2006	LDT	1,456	19	1.3%
2007	LDT	4,178	28	0.7%
2008	LDT	1,409	12	0.9%
2009	LDT	2,329	17	0.7%
2010	LDT	959	4	0.4%
2011	LDT	2,488	4	0.2%
2012	LDT	828	2	0.2%
2013	LDT	2,022	3	0.1%
2014	LDT	619	5	0.8%
2015	LDT	1,718	3	0.2%
2016	LDT	449	1	0.2%
2017	LDT	1,159	1	0.1%
2018	LDT	75	0	0.0%
<b>Total</b>	<b>LDT</b>	<b>36,512</b>	<b>177</b>	<b>0.5%</b>



**Table A-20**  
**HDV Initially Failed Vehicles Receiving a Repair Waiver**

<div>2021 TESTS</div> <div>INITIALLY FAILED HEAVY DUTY VEHICLES RECEIVING A REPAIR WAIVER</div>				
MY	VEHICLE TYPE	INITIAL FAILS	WAIVER	RATE
1996	HDV	0	0	0.0%
1997	HDV	0	0	0.0%
1998	HDV	0	0	0.0%
1999	HDV	0	0	0.0%
2000	HDV	0	0	0.0%
2001	HDV	0	0	0.0%
2002	HDV	0	0	0.0%
2003	HDV	0	0	0.0%
2004	HDV	0	0	0.0%
2005	HDV	0	0	0.0%
2006	HDV	0	0	0.0%
2007	HDV	290	1	0.3%
2008	HDV	111	3	2.7%
2009	HDV	159	0	0.0%
2010	HDV	48	0	0.0%
2011	HDV	178	0	0.0%
2012	HDV	63	1	1.6%
2013	HDV	141	0	0.0%
2014	HDV	52	0	0.0%
2015	HDV	182	0	0.0%
2016	HDV	45	1	2.2%
2017	HDV	189	0	0.0%
2018	HDV	3	0	0.0%
<b>Total</b>	<b>HDV</b>	<b>1,461</b>	<b>6</b>	<b>0.4%</b>

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-21**  
**ALL Initially Tested Vehicles with no Known Final Outcome**

<div> <div>2021 TESTS</div> <div> ALL INITIALLY TESTED VEHICLES WITH NO KNOWN FINAL OUTCOME  Vehicles that have not passed a retest, been deleted, had an ownership change, received a waiver, temporary extension, hardship extension, or been exempted </div> </div>				
MY	VEHICLE TYPE	INITIAL TESTS	NUMBER W/O RES	RATE
1996	ALL	2,517	131	5.2%
1997	ALL	17,237	348	2.0%
1998	ALL	5,348	210	3.9%
1999	ALL	31,645	619	2.0%
2000	ALL	9,717	351	3.6%
2001	ALL	47,794	977	2.0%
2002	ALL	15,864	635	4.0%
2003	ALL	79,596	1,152	1.4%
2004	ALL	23,341	676	2.9%
2005	ALL	114,041	1,450	1.3%
2006	ALL	28,845	787	2.7%
2007	ALL	151,625	1,456	1.0%
2008	ALL	36,884	717	1.9%
2009	ALL	123,985	847	0.7%
2010	ALL	33,019	440	1.3%
2011	ALL	173,498	772	0.4%
2012	ALL	43,002	379	0.9%
2013	ALL	235,991	594	0.3%
2014	ALL	51,121	267	0.5%
2015	ALL	294,852	442	0.1%
2016	ALL	63,195	176	0.3%
2017	ALL	304,505	264	0.1%
2018	ALL	17,332	3	0.0%
<b>TOTAL</b>	<b>ALL</b>	<b>1,904,954</b>	<b>13,693</b>	<b>0.7%</b>

**Table A-22**  
**Initially Tested LDV with no Known Final Outcome**

<div>2021 TESTS</div> <div>INITIALLY TESTED LIGHT DUTY PASSENGER VEHICLES WITH NO KNOWN FINAL OUTCOME</div> <div>Vehicles that have not passed a retest, been deleted, had an ownership change, received a waiver, temporary extension, hardship extension, or been exempted</div>				
MY	VEHICLE TYPE	INITIAL TESTS	NUMBER W/O RES	RATE
1996	LDV	1,375	55	4.0%
1997	LDV	8,736	136	1.6%
1998	LDV	2,713	100	3.7%
1999	LDV	15,350	274	1.8%
2000	LDV	4,884	185	3.8%
2001	LDV	23,811	491	2.1%
2002	LDV	7,268	308	4.2%
2003	LDV	38,040	558	1.5%
2004	LDV	10,656	293	2.7%
2005	LDV	55,413	678	1.2%
2006	LDV	15,112	430	2.8%
2007	LDV	78,870	706	0.9%
2008	LDV	18,760	381	2.0%
2009	LDV	75,331	450	0.6%
2010	LDV	18,362	226	1.2%
2011	LDV	90,068	407	0.5%
2012	LDV	24,112	205	0.9%
2013	LDV	133,767	361	0.3%
2014	LDV	27,002	164	0.6%
2015	LDV	145,201	257	0.2%
2016	LDV	30,946	109	0.4%
2017	LDV	135,723	147	0.1%
2018	LDV	4,615	2	0.0%
<b>TOTAL</b>	<b>LDV</b>	<b>966,115</b>	<b>6,923</b>	<b>0.7%</b>

**Table A-23**  
**Initially Tested LDT with no Known Final Outcome**

<b>2021 TESTS</b> INITIALLY TESTED LIGHT DUTY TRUCKS (1 & 2) WITH NO KNOWN FINAL OUTCOME Vehicles that have not passed a retest, been deleted, had an ownership change, received a waiver, temporary extension, hardship extension, or been exempted				
<b>MY</b>	<b>VEHICLE TYPE</b>	<b>INITIAL TESTS</b>	<b>NUMBER W/O RES</b>	<b>RATE</b>
1996	LDT	1,142	76	6.7%
1997	LDT	8,501	212	2.5%
1998	LDT	2,635	110	4.2%
1999	LDT	16,295	345	2.1%
2000	LDT	4,833	166	3.4%
2001	LDT	23,983	486	2.0%
2002	LDT	8,596	327	3.8%
2003	LDT	41,556	594	1.4%
2004	LDT	12,685	383	3.0%
2005	LDT	58,628	772	1.3%
2006	LDT	13,733	357	2.6%
2007	LDT	69,271	706	1.0%
2008	LDT	16,897	312	1.8%
2009	LDT	45,957	376	0.8%
2010	LDT	14,009	207	1.5%
2011	LDT	79,957	347	0.4%
2012	LDT	17,801	164	0.9%
2013	LDT	98,363	213	0.2%
2014	LDT	23,081	97	0.4%
2015	LDT	142,572	166	0.1%
2016	LDT	30,707	57	0.2%
2017	LDT	161,106	105	0.1%
2018	LDT	12,534	1	0.0%
<b>TOTAL</b>	<b>LDT</b>	<b>904,842</b>	<b>6,579</b>	<b>0.7%</b>

**Table A-24**  
**Initially Tested HDV with no Known Final Outcome**

<b>2021 TESTS</b> INITIALLY TESTED HEAVY DUTY VEHICLES WITH NO KNOWN FINAL OUTCOME Vehicles that have not passed a retest, been deleted, had an ownership change, received a waiver, temporary extension, hardship extension, or been exempted				
<b>MY</b>	<b>VEHICLE TYPE</b>	<b>INITIAL TESTS</b>	<b>NUMBER W/O RES</b>	<b>RATE</b>
1996	HDV	0	0	0.0%
1997	HDV	0	0	0.0%
1998	HDV	0	0	0.0%
1999	HDV	0	0	0.0%
2000	HDV	0	0	0.0%
2001	HDV	0	0	0.0%
2002	HDV	0	0	0.0%
2003	HDV	0	0	0.0%
2004	HDV	0	0	0.0%
2005	HDV	0	0	0.0%
2006	HDV	0	0	0.0%
2007	HDV	3,484	44	1.3%
2008	HDV	1,227	24	2.0%
2009	HDV	2,697	21	0.8%
2010	HDV	648	7	1.1%
2011	HDV	3,473	18	0.5%
2012	HDV	1,089	10	0.9%
2013	HDV	3,861	20	0.5%
2014	HDV	1,038	6	0.6%
2015	HDV	7,079	19	0.3%
2016	HDV	1,542	10	0.6%
2017	HDV	7,676	12	0.2%
2018	HDV	183	0	0.0%
<b>TOTAL</b>	<b>HDV</b>	<b>33,997</b>	<b>191</b>	<b>0.6%</b>

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-25**  
**ALL Vehicle OBD Test Results**

<b>2021 TESTS</b> <b>ALL VEHICLE OBD TEST RESULTS</b> Included: Initial OBD Tests that end in Pass or Fail Excluded: Rejects, Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests						
MY	VEHICLE TYPE	TESTED	PASS		FAIL	
			TESTS	RATE	TESTS	RATE
1996	ALL	2,491	2,110	84.7%	381	15.3%
1997	ALL	16,924	15,310	90.5%	1614	9.5%
1998	ALL	5,245	4,563	87.0%	682	13.0%
1999	ALL	31,223	28,447	91.1%	2776	8.9%
2000	ALL	9,605	8,337	86.8%	1268	13.2%
2001	ALL	47,229	42,227	89.4%	5002	10.6%
2002	ALL	15,734	13,443	85.4%	2291	14.6%
2003	ALL	78,740	72,279	91.8%	6461	8.2%
2004	ALL	23,148	20,509	88.6%	2639	11.4%
2005	ALL	112,919	104,901	92.9%	8018	7.1%
2006	ALL	28,489	25,427	89.3%	3062	10.7%
2007	ALL	150,137	141,605	94.3%	8532	5.7%
2008	ALL	36,586	33,505	91.6%	3081	8.4%
2009	ALL	122,882	117,495	95.6%	5387	4.4%
2010	ALL	32,755	30,667	93.6%	2088	6.4%
2011	ALL	171,891	166,432	96.8%	5459	3.2%
2012	ALL	42,667	40,734	95.5%	1933	4.5%
2013	ALL	234,108	229,192	97.9%	4916	2.1%
2014	ALL	50,803	49,284	97.0%	1519	3.0%
2015	ALL	292,116	288,033	98.6%	4083	1.4%
2016	ALL	62,731	61,625	98.2%	1106	1.8%
2017	ALL	301,066	298,389	99.1%	2677	0.9%
2018	ALL	17,326	17,218	99.4%	108	0.6%
<b>Total</b>	<b>ALL</b>	<b>1,886,815</b>	<b>1,811,732</b>	<b>96.0%</b>	<b>75,083</b>	<b>4.0%</b>

**Table A-26**  
**LDV OBD Test Results**

2021 TESTS						
LIGHT DUTY PASSENGER VEHICLES OBD TEST RESULTS						
Included: Initial OBD Tests that end in Pass or Fail						
Excluded: Rejects, Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests						
MY	VEHICLE TYPE	TESTED	PASS		FAIL	
			TESTS	RATE	TESTS	RATE
1996	LDV	1,356	1,196	88.2%	160	11.8%
1997	LDV	8,519	7,862	92.3%	657	7.7%
1998	LDV	2,641	2,304	87.2%	337	12.8%
1999	LDV	15,086	13,849	91.8%	1237	8.2%
2000	LDV	4,818	4,146	86.1%	672	13.9%
2001	LDV	23,526	21,091	89.6%	2435	10.4%
2002	LDV	7,190	6,175	85.9%	1015	14.1%
2003	LDV	37,569	34,552	92.0%	3017	8.0%
2004	LDV	10,533	9,338	88.7%	1195	11.3%
2005	LDV	54,843	51,081	93.1%	3762	6.9%
2006	LDV	14,853	13,233	89.1%	1620	10.9%
2007	LDV	77,955	73,854	94.7%	4101	5.3%
2008	LDV	18,589	17,014	91.5%	1575	8.5%
2009	LDV	74,614	71,697	96.1%	2917	3.9%
2010	LDV	18,199	17,111	94.0%	1088	6.0%
2011	LDV	89,141	86,334	96.9%	2807	3.1%
2012	LDV	23,903	22,855	95.6%	1048	4.4%
2013	LDV	132,650	129,887	97.9%	2763	2.1%
2014	LDV	26,813	25,960	96.8%	853	3.2%
2015	LDV	143,532	141,340	98.5%	2192	1.5%
2016	LDV	30,705	30,090	98.0%	615	2.0%
2017	LDV	134,034	132,691	99.0%	1343	1.0%
2018	LDV	4,613	4,583	99.3%	30	0.7%
<b>Total</b>	<b>LDV</b>	<b>955,682</b>	<b>918,243</b>	<b>96.1%</b>	<b>37,439</b>	<b>3.9%</b>

**Table A-27**  
**LDT OBD Test Results**

2021 TESTS						
LIGHT DUTY TRUCKS (1 & 2) OBD TEST RESULTS						
Included: Initial OBD Tests that end in Pass or Fail						
Excluded: Rejects, Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests						
MY	VEHICLE TYPE	TESTED	PASS		FAIL	
			TESTS	RATE	TESTS	RATE
1996	LDT	1,135	914	80.5%	221	19.5%
1997	LDT	8,405	7,448	88.6%	957	11.4%
1998	LDT	2,604	2,259	86.8%	345	13.2%
1999	LDT	16,137	14,598	90.5%	1539	9.5%
2000	LDT	4,787	4,191	87.5%	596	12.5%
2001	LDT	23,703	21,136	89.2%	2567	10.8%
2002	LDT	8,544	7,268	85.1%	1276	14.9%
2003	LDT	41,171	37,727	91.6%	3444	8.4%
2004	LDT	12,615	11,171	88.6%	1444	11.4%
2005	LDT	58,076	53,820	92.7%	4256	7.3%
2006	LDT	13,636	12,194	89.4%	1442	10.6%
2007	LDT	68,731	64,586	94.0%	4145	6.0%
2008	LDT	16,788	15,392	91.7%	1396	8.3%
2009	LDT	45,591	43,280	94.9%	2311	5.1%
2010	LDT	13,909	12,957	93.2%	952	6.8%
2011	LDT	79,304	76,830	96.9%	2474	3.1%
2012	LDT	17,682	16,860	95.4%	822	4.6%
2013	LDT	97,631	95,619	97.9%	2012	2.1%
2014	LDT	22,966	22,351	97.3%	615	2.7%
2015	LDT	141,596	139,887	98.8%	1709	1.2%
2016	LDT	30,493	30,047	98.5%	446	1.5%
2017	LDT	159,460	158,314	99.3%	1146	0.7%
2018	LDT	12,530	12,455	99.4%	75	0.6%
<b>Total</b>	<b>LDT</b>	<b>897,494</b>	<b>861,304</b>	<b>96.0%</b>	<b>36,190</b>	<b>4.0%</b>



**Table A-28**  
**HDV OBD Test Results**

<b>2021 TESTS</b> <b>HEAVY DUTY VEHICLE OBD TEST RESULTS</b> Included: Initial OBD Tests that end in Pass or Fail Excluded: Rejects, Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests						
MY	VEHICLE TYPE	TESTED	PASS		FAIL	
			TESTS	RATE	TESTS	RATE
1996	HDV	0	0	0.0%	0	0.0%
1997	HDV	0	0	0.0%	0	0.0%
1998	HDV	0	0	0.0%	0	0.0%
1999	HDV	0	0	0.0%	0	0.0%
2000	HDV	0	0	0.0%	0	0.0%
2001	HDV	0	0	0.0%	0	0.0%
2002	HDV	0	0	0.0%	0	0.0%
2003	HDV	0	0	0.0%	0	0.0%
2004	HDV	0	0	0.0%	0	0.0%
2005	HDV	0	0	0.0%	0	0.0%
2006	HDV	0	0	0.0%	0	0.0%
2007	HDV	3,451	3,165	91.7%	286	8.3%
2008	HDV	1,209	1,099	90.9%	110	9.1%
2009	HDV	2,677	2,518	94.1%	159	5.9%
2010	HDV	647	599	92.6%	48	7.4%
2011	HDV	3,446	3,268	94.8%	178	5.2%
2012	HDV	1,082	1,019	94.2%	63	5.8%
2013	HDV	3,827	3,686	96.3%	141	3.7%
2014	HDV	1,024	973	95.0%	51	5.0%
2015	HDV	6,988	6,806	97.4%	182	2.6%
2016	HDV	1,533	1,488	97.1%	45	2.9%
2017	HDV	7,572	7,384	97.5%	188	2.5%
2018	HDV	183	180	98.4%	3	1.6%
<b>Total</b>	<b>HDV</b>	<b>33,639</b>	<b>32,185</b>	<b>95.7%</b>	<b>1,454</b>	<b>4.3%</b>

\* Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-29**  
**ALL Vehicles MIL and Code Status**

2021 TESTS													
ALL VEHICLES - MIL AND CODE STATUS													
Included: Initial OBD Tests that end in Pass or Fail													
Excluded: Rejects, Aborts, OBD Communication/DLC Failures, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests													
MY	VEHICLE TYPE	PASS						FAIL			PASS		
		NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
1996	ALL	1,880	1	0.1%	605	253	41.8%	605	352	58.2%	1,880	1,879	99.9%
1997	ALL	13,945	1	0.0%	3,172	1,656	52.2%	3,172	1,516	47.8%	13,945	13,944	100.0%
1998	ALL	4,070	1	0.0%	1,217	577	47.4%	1,217	640	52.6%	4,070	4,069	100.0%
1999	ALL	25,853	18	0.1%	5,604	2,975	53.1%	5,604	2,629	46.9%	25,853	25,835	99.9%
2000	ALL	7,419	4	0.1%	2,206	1,011	45.8%	2,206	1,195	54.2%	7,419	7,415	99.9%
2001	ALL	37,871	3	0.0%	9,670	4,863	50.3%	9,670	4,807	49.7%	37,871	37,868	100.0%
2002	ALL	11,704	4	0.0%	4,008	1,853	46.2%	4,008	2,155	53.8%	11,704	11,700	100.0%
2003	ALL	64,285	4	0.0%	14,945	8,772	58.7%	14,945	6,173	41.3%	64,285	64,281	100.0%
2004	ALL	17,774	2	0.0%	5,395	2,905	53.8%	5,395	2,490	46.2%	17,774	17,772	100.0%
2005	ALL	93,452	7	0.0%	20,017	12,503	62.5%	20,017	7,514	37.5%	93,452	93,445	100.0%
2006	ALL	22,086	3	0.0%	6,545	3,647	55.7%	6,545	2,898	44.3%	22,086	22,083	100.0%
2007	ALL	127,005	11	0.0%	23,853	16,014	67.1%	23,853	7,839	32.9%	127,005	126,994	100.0%
2008	ALL	29,800	6	0.0%	6,812	3,974	58.3%	6,812	2,838	41.7%	29,800	29,794	100.0%
2009	ALL	109,221	12	0.0%	14,226	9,333	65.6%	14,226	4,893	34.4%	109,221	109,209	100.0%
2010	ALL	28,140	2	0.0%	4,703	2,774	59.0%	4,703	1,929	41.0%	28,140	28,138	100.0%
2011	ALL	156,860	3	0.0%	16,083	11,144	69.3%	16,083	4,939	30.7%	156,860	156,857	100.0%
2012	ALL	37,741	1	0.0%	5,034	3,317	65.9%	5,034	1,717	34.1%	37,741	37,740	100.0%
2013	ALL	218,562	3	0.0%	16,924	12,481	73.7%	16,924	4,443	26.3%	218,562	218,559	100.0%
2014	ALL	46,637	1	0.0%	4,267	2,953	69.2%	4,267	1,314	30.8%	46,637	46,636	100.0%
2015	ALL	281,551	8	0.0%	12,769	9,201	72.1%	12,769	3,568	27.9%	281,551	281,543	100.0%
2016	ALL	60,003	1	0.0%	3,000	2,074	69.1%	3,000	926	30.9%	60,003	60,002	100.0%
2017	ALL	295,715	4	0.0%	8,023	6,080	75.8%	8,023	1,943	24.2%	295,715	295,711	100.0%
2018	ALL	16,978	0	0.0%	296	246	83.1%	296	50	16.9%	16,978	16,978	100.0%
Total	ALL	1,708,552	100	0.0%	189,374	120,606	63.7%	189,374	68,768	36.3%	1,708,552	1,708,452	100.0%

\*Pass = OBD Successfully scanned and MIL is NOT commanded ON

Fail = OBD Failure for codes present/MIL commanded ON

**Table A-30**  
**LDV MIL and Code Status**

**2021 TESTS**

**LIGHT DUTY PASSENGER VEHICLES - MIL AND CODE STATUS**

Included: Initial OBD Tests that end in Pass or Fail

Excluded: Rejects, Aborts, OBD Communication/DLC Failures, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests

MY	VEHICLE TYPE	PASS						FAIL			PASS		
		NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
1996	LDV	1,108	1	0.1%	243	105	43.2%	243	138	56.8%	1,108	1,107	99.9%
1997	LDV	7,333	1	0.0%	1,326	734	55.4%	1,326	592	44.6%	7,333	7,332	100.0%
1998	LDV	2,124	1	0.0%	545	240	44.0%	545	305	56.0%	2,124	2,123	100.0%
1999	LDV	12,813	4	0.0%	2,413	1,277	52.9%	2,413	1,136	47.1%	12,813	12,809	100.0%
2000	LDV	3,754	0	0.0%	1,071	447	41.7%	1,071	624	58.3%	3,754	3,754	100.0%
2001	LDV	19,094	2	0.0%	4,557	2,261	49.6%	4,557	2,296	50.4%	19,094	19,092	100.0%
2002	LDV	5,456	3	0.1%	1,727	790	45.7%	1,727	937	54.3%	5,456	5,453	99.9%
2003	LDV	31,240	2	0.0%	6,608	3,747	56.7%	6,608	2,861	43.3%	31,240	31,238	100.0%
2004	LDV	8,160	1	0.0%	2,403	1,286	53.5%	2,403	1,117	46.5%	8,160	8,159	100.0%
2005	LDV	46,130	3	0.0%	8,977	5,491	61.2%	8,977	3,486	38.8%	46,130	46,127	100.0%
2006	LDV	11,744	3	0.0%	3,227	1,712	53.1%	3,227	1,515	46.9%	11,744	11,741	100.0%
2007	LDV	67,306	9	0.0%	11,062	7,426	67.1%	11,062	3,636	32.9%	67,306	67,297	100.0%
2008	LDV	15,262	6	0.0%	3,336	1,908	57.2%	3,336	1,428	42.8%	15,262	15,256	100.0%
2009	LDV	67,530	12	0.0%	7,420	4,858	65.5%	7,420	2,562	34.5%	67,530	67,518	100.0%
2010	LDV	15,886	2	0.0%	2,360	1,378	58.4%	2,360	982	41.6%	15,886	15,884	100.0%
2011	LDV	82,166	3	0.0%	7,551	5,074	67.2%	7,551	2,477	32.8%	82,166	82,163	100.0%
2012	LDV	21,395	1	0.0%	2,564	1,664	64.9%	2,564	900	35.1%	21,395	21,394	100.0%
2013	LDV	124,361	3	0.0%	9,053	6,621	73.1%	9,053	2,432	26.9%	124,361	124,358	100.0%
2014	LDV	24,725	0	0.0%	2,146	1,417	66.0%	2,146	729	34.0%	24,725	24,725	100.0%
2015	LDV	138,625	5	0.0%	6,297	4,376	69.5%	6,297	1,921	30.5%	138,625	138,620	100.0%
2016	LDV	29,295	1	0.0%	1,559	1,027	65.9%	1,559	532	34.1%	29,295	29,294	100.0%
2017	LDV	131,410	3	0.0%	3,976	2,951	74.2%	3,976	1,025	25.8%	131,410	131,407	100.0%
2018	LDV	4,512	0	0.0%	87	73	83.9%	87	14	16.1%	4,512	4,512	100.0%
<b>Total</b>	<b>LDV</b>	<b>871,429</b>	<b>66</b>	<b>0.0%</b>	<b>90,508</b>	<b>56,863</b>	<b>62.8%</b>	<b>90,508</b>	<b>33,645</b>	<b>37.2%</b>	<b>871,429</b>	<b>871,363</b>	<b>100.0%</b>

\*Pass = OBD Successfully scanned and MIL is NOT commanded ON

Fail = OBD Failure for codes present/MIL commanded ON

**Table A-31**  
**LDT MIL and Code Status**

2021 TESTS													
LIGHT DUTY TRUCKS (1 & 2) - MIL AND CODE STATUS													
Included: Initial OBD Tests that end in Pass or Fail													
Excluded: Rejects, Aborts, OBD Communication/DLC Failures, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests													
MY	VEHICLE TYPE	PASS						FAIL			PASS		
		NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
1996	LDT	772	0	0.0%	362	148	40.9%	362	214	59.1%	772	772	100.0%
1997	LDT	6,612	0	0.0%	1,846	922	49.9%	1,846	924	50.1%	6,612	6,612	100.0%
1998	LDT	1,946	0	0.0%	672	337	50.1%	672	335	49.9%	1,946	1,946	100.0%
1999	LDT	13,040	14	0.1%	3,191	1,698	53.2%	3,191	1,493	46.8%	13,040	13,026	99.9%
2000	LDT	3,665	4	0.1%	1,135	564	49.7%	1,135	571	50.3%	3,665	3,661	99.9%
2001	LDT	18,777	1	0.0%	5,113	2,602	50.9%	5,113	2,511	49.1%	18,777	18,776	100.0%
2002	LDT	6,248	1	0.0%	2,281	1,063	46.6%	2,281	1,218	53.4%	6,248	6,247	100.0%
2003	LDT	33,045	2	0.0%	8,337	5,025	60.3%	8,337	3,312	39.7%	33,045	33,043	100.0%
2004	LDT	9,614	1	0.0%	2,992	1,619	54.1%	2,992	1,373	45.9%	9,614	9,613	100.0%
2005	LDT	47,322	4	0.0%	11,040	7,012	63.5%	11,040	4,028	36.5%	47,322	47,318	100.0%
2006	LDT	10,342	0	0.0%	3,318	1,935	58.3%	3,318	1,383	41.7%	10,342	10,342	100.0%
2007	LDT	56,814	1	0.0%	12,217	8,279	67.8%	12,217	3,938	32.2%	56,814	56,813	100.0%
2008	LDT	13,538	0	0.0%	3,259	1,950	59.8%	3,259	1,309	40.2%	13,538	13,538	100.0%
2009	LDT	39,418	0	0.0%	6,398	4,210	65.8%	6,398	2,188	34.2%	39,418	39,418	100.0%
2010	LDT	11,707	0	0.0%	2,246	1,343	59.8%	2,246	903	40.2%	11,707	11,707	100.0%
2011	LDT	71,684	0	0.0%	8,093	5,785	71.5%	8,093	2,308	28.5%	71,684	71,684	100.0%
2012	LDT	15,409	0	0.0%	2,331	1,564	67.1%	2,331	767	32.9%	15,409	15,409	100.0%
2013	LDT	90,678	0	0.0%	7,556	5,663	74.9%	7,556	1,893	25.1%	90,678	90,678	100.0%
2014	LDT	20,983	1	0.0%	2,030	1,479	72.9%	2,030	551	27.1%	20,983	20,982	100.0%
2015	LDT	136,321	3	0.0%	6,042	4,533	75.0%	6,042	1,509	25.0%	136,321	136,318	100.0%
2016	LDT	29,262	0	0.0%	1,357	996	73.4%	1,357	361	26.6%	29,262	29,262	100.0%
2017	LDT	157,019	1	0.0%	3,749	2,928	78.1%	3,749	821	21.9%	157,019	157,018	100.0%
2018	LDT	12,297	0	0.0%	197	162	82.2%	197	35	17.8%	12,297	12,297	100.0%
Total	LDT	806,513	33	0.0%	95,762	61,817	64.6%	95,762	33,945	35.4%	806,513	806,480	100.0%

\*Pass = OBD Successfully scanned, and MIL is NOT commanded ON

Fail = OBD Failure for codes present/MIL commanded ON

**Table A-32  
HDV MIL and Code Status**

**2021 TESTS**

**HEAVY DUTY VEHICLES - MIL AND CODE STATUS**

Included: Initial OBD Tests that end in Pass or Fail

Excluded: Rejects, Aborts, OBD Communication DLC Failures, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests

MY	VEHICLE TYPE	PASS						FAIL			PASS		
		NO CODES	MIL ON	RATE	CODES STORED	MIL OFF	RATE	CODES STORED	MIL ON	RATE	NO CODES	MIL OFF	RATE
1996	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1997	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1998	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1999	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2000	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2001	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2002	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2003	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2004	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2005	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2006	HDV	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2007	HDV	2,885	1	0.0%	574	309	53.8%	574	265	46.2%	2,885	2,884	100.0%
2008	HDV	1,000	0	0.0%	217	116	53.5%	217	101	46.5%	1,000	1,000	100.0%
2009	HDV	2,273	0	0.0%	408	265	65.0%	408	143	35.0%	2,273	2,273	100.0%
2010	HDV	547	0	0.0%	97	53	54.6%	97	44	45.4%	547	547	100.0%
2011	HDV	3,010	0	0.0%	439	285	64.9%	439	154	35.1%	3,010	3,010	100.0%
2012	HDV	937	0	0.0%	139	89	64.0%	139	50	36.0%	937	937	100.0%
2013	HDV	3,523	0	0.0%	315	197	62.5%	315	118	37.5%	3,523	3,523	100.0%
2014	HDV	929	0	0.0%	91	57	62.6%	91	34	37.4%	929	929	100.0%
2015	HDV	6,605	0	0.0%	430	292	67.9%	430	138	32.1%	6,605	6,605	100.0%
2016	HDV	1,446	0	0.0%	84	51	60.7%	84	33	39.3%	1,446	1,446	100.0%
2017	HDV	7,286	0	0.0%	298	201	67.4%	298	97	32.6%	7,286	7,286	100.0%
2018	HDV	169	0	0.0%	12	11	91.7%	12	1	8.3%	169	169	100.0%
<b>Total</b>	<b>HDV</b>	<b>30,610</b>	<b>1</b>	<b>0.0%</b>	<b>3,104</b>	<b>1,926</b>	<b>62.0%</b>	<b>3,104</b>	<b>1,178</b>	<b>38.0%</b>	<b>30,610</b>	<b>30,609</b>	<b>100.0%</b>

\*Pass = OBD Successfully scanned, and MIL is NOT commanded ON, Fail = OBD Failure for codes present/MIL commanded ON  
Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-33**  
**ALL Vehicles Rejected for OBD Readiness**

<b>2021 TESTS</b> <b>ALL VEHICLES REJECTED FOR OBD READINESS*</b> Included: Initial OBD Tests that end in Pass, Fail, or Readiness Reject Excluded: Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests				
<b>MY</b>	<b>VEHICLE TYPE</b>	<b>TESTED</b>	<b>*NOT READY</b>	<b>RATE</b>
1996	ALL	2,680	189	7.1%
1997	ALL	17,971	1,047	5.8%
1998	ALL	5,664	419	7.4%
1999	ALL	33,126	1,903	5.7%
2000	ALL	10,343	738	7.1%
2001	ALL	53,392	6,163	11.5%
2002	ALL	17,859	2,125	11.9%
2003	ALL	85,743	7,003	8.2%
2004	ALL	25,501	2,353	9.2%
2005	ALL	121,804	8,885	7.3%
2006	ALL	31,290	2,801	9.0%
2007	ALL	158,686	8,549	5.4%
2008	ALL	39,474	2,888	7.3%
2009	ALL	128,651	5,769	4.5%
2010	ALL	34,866	2,111	6.1%
2011	ALL	178,324	6,433	3.6%
2012	ALL	44,882	2,215	4.9%
2013	ALL	240,531	6,423	2.7%
2014	ALL	52,633	1,830	3.5%
2015	ALL	297,875	5,759	1.9%
2016	ALL	64,042	1,311	2.0%
2017	ALL	304,656	3,590	1.2%
2018	ALL	17,451	125	0.7%
<b>Total</b>	<b>ALL</b>	<b>1,967,444</b>	<b>80,629</b>	<b>4.1%</b>

\* Rejected for OBD Readiness

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001 + Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"

**Table A-34**  
**LDV Rejected for OBD Readiness**

<b>2021 TESTS</b> VEHICLES REJECTED FOR OBD READINESS* - LIGHT DUTY PASSENGER VEHICLES Included: Initial OBD Tests that end in Pass, Fail, or Readiness Reject Excluded: Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests				
<b>MY</b>	<b>VEHICLE TYPE</b>	<b>TESTED</b>	<b>*NOT READY</b>	<b>RATE</b>
1996	LDV	1,460	104	7.1%
1997	LDV	9,079	560	6.2%
1998	LDV	2,863	222	7.8%
1999	LDV	16,022	936	5.8%
2000	LDV	5,172	354	6.8%
2001	LDV	26,425	2,899	11.0%
2002	LDV	8,160	970	11.9%
2003	LDV	40,851	3,282	8.0%
2004	LDV	11,622	1,089	9.4%
2005	LDV	58,900	4,057	6.9%
2006	LDV	16,298	1,445	8.9%
2007	LDV	81,834	3,879	4.7%
2008	LDV	19,954	1,365	6.8%
2009	LDV	77,555	2,941	3.8%
2010	LDV	19,272	1,073	5.6%
2011	LDV	92,286	3,145	3.4%
2012	LDV	25,082	1,179	4.7%
2013	LDV	136,336	3,686	2.7%
2014	LDV	27,790	977	3.5%
2015	LDV	146,628	3,096	2.1%
2016	LDV	31,445	740	2.4%
2017	LDV	135,996	1,962	1.4%
2018	LDV	4,658	45	1.0%
<b>Total</b>	<b>LDV</b>	<b>995,688</b>	<b>40,006</b>	<b>4.0%</b>

\* Rejected for OBD Readiness

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001 + Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"

**Table A-35**  
**LDT Rejected for OBD Readiness**

<b>2021 TESTS</b> VEHICLES REJECTED FOR OBD READINESS* - LIGHT DUTY TRUCKS (1 & 2) Included: Initial OBD Tests that end in Pass, Fail, or Readiness Reject Excluded: Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests				
MY	VEHICLE TYPE	TESTED	*NOT READY	RATE
1996	LDT	1,220	85	7.0%
1997	LDT	8,892	487	5.5%
1998	LDT	2,801	197	7.0%
1999	LDT	17,104	967	5.7%
2000	LDT	5,171	384	7.4%
2001	LDT	26,967	3,264	12.1%
2002	LDT	9,699	1,155	11.9%
2003	LDT	44,892	3,721	8.3%
2004	LDT	13,879	1,264	9.1%
2005	LDT	62,904	4,828	7.7%
2006	LDT	14,992	1,356	9.0%
2007	LDT	73,135	4,404	6.0%
2008	LDT	18,210	1,422	7.8%
2009	LDT	48,121	2,530	5.3%
2010	LDT	14,859	950	6.4%
2011	LDT	82,267	2,963	3.6%
2012	LDT	18,590	908	4.9%
2013	LDT	100,096	2,465	2.5%
2014	LDT	23,728	762	3.2%
2015	LDT	143,940	2,344	1.6%
2016	LDT	31,010	517	1.7%
2017	LDT	160,924	1,464	0.9%
2018	LDT	12,608	78	0.6%
<b>Total</b>	<b>LDT</b>	<b>936,009</b>	<b>38,515</b>	<b>4.1%</b>

\* Rejected for OBD Readiness

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001 + Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"



**Table A-36**  
**HDV Rejected for OBD Readiness**

<b>2021 TESTS</b>				
<b>VEHICLES REJECTED FOR OBD READINESS* - HEAVY DUTY VEHICLES<sup>a</sup></b>				
Included: Initial OBD Tests that end in Pass, Fail, or Readiness Reject				
Excluded: Aborts, Voided Tests, Visual Tests, Voluntary Tests, Audit Tests				

<b>MY</b>	<b>VEHICLE TYPE</b>	<b>TESTED</b>	<b>*NOT READY</b>	<b>RATE</b>
1996	HDV	0	0	0.0%
1997	HDV	0	0	0.0%
1998	HDV	0	0	0.0%
1999	HDV	0	0	0.0%
2000	HDV	0	0	0.0%
2001	HDV	0	0	0.0%
2002	HDV	0	0	0.0%
2003	HDV	0	0	0.0%
2004	HDV	0	0	0.0%
2005	HDV	0	0	0.0%
2006	HDV	0	0	0.0%
2007	HDV	3,717	266	7.2%
2008	HDV	1,310	101	7.7%
2009	HDV	2,975	298	10.0%
2010	HDV	735	88	12.0%
2011	HDV	3,771	325	8.6%
2012	HDV	1,210	128	10.6%
2013	HDV	4,099	272	6.6%
2014	HDV	1,115	91	8.2%
2015	HDV	7,307	319	4.4%
2016	HDV	1,587	54	3.4%
2017	HDV	7,736	164	2.1%
2018	HDV	185	2	1.1%
<b>Total</b>	<b>HDV</b>	<b>35,747</b>	<b>2,108</b>	<b>5.9%</b>

\* Rejected for OBD Readiness

1996-2000 Model Year Vehicle = 3 or more non-continuous monitors "Not Ready"

2001 + Model Year Vehicle = 2 or more non-continuous monitors "Not Ready"

<sup>a</sup> Pre-2007 HDV are exempt from testing in the State's I & M program.

**Table A-37**  
**Initial Tests by Model Year and Centralized Station**

2021 TESTS													
INITIAL TESTS BY MODEL YEAR AND STATION (Centralized Test-Only Stations)													
Included: OBD and Visual Tests that end in Pass or Fail													
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests													
	STATION												
MY	1	3	4	7	11	12	22	24	26	27	30	53	TOTAL
1996	152	115	102	126	254	315	425	206	176	310	108	76	2,365
1997	1,011	710	793	1,069	1,839	2,690	3,127	1,374	935	1,788	495	495	16,326
1998	361	235	216	319	532	757	908	446	317	571	172	181	5,015
1999	1,781	1,320	1,597	2,157	3,390	5,087	5,611	2,481	1,691	3,261	858	785	30,019
2000	589	421	443	547	965	1,464	1,709	794	570	1,096	298	276	9,172
2001	2,657	1,964	2,677	3,343	5,127	7,841	8,375	3,734	2,592	4,849	1,144	1,146	45,449
2002	941	685	744	968	1,586	2,270	2,807	1,212	959	1,908	433	429	14,942
2003	4,330	3,374	4,633	5,825	8,497	13,010	13,684	6,591	4,251	8,052	1,827	1,762	75,836
2004	1,377	947	1,201	1,523	2,342	3,376	4,047	1,877	1,355	2,760	586	603	21,994
2005	6,082	5,033	6,941	8,523	12,338	18,297	18,871	9,706	6,175	11,589	2,485	2,463	108,503
2006	1,624	1,197	1,518	1,903	2,944	4,250	4,985	2,351	1,639	3,384	693	808	27,296
2007	7,537	6,770	9,600	11,949	16,319	24,613	23,456	13,734	8,458	15,593	3,137	3,235	144,401
2008	2,071	1,479	2,031	2,565	3,699	5,461	6,044	3,114	2,285	4,322	888	993	34,952
2009	5,947	5,887	8,859	10,625	13,303	20,692	16,882	11,860	6,714	12,183	2,527	2,686	118,165
2010	1,694	1,498	1,924	2,323	3,385	5,229	4,904	2,853	1,907	3,653	873	935	31,178
2011	8,084	8,702	12,813	14,700	18,328	27,059	22,678	17,396	9,765	17,839	3,636	3,913	164,913
2012	2,018	2,067	2,599	3,245	4,423	6,535	5,852	4,158	2,640	4,808	1,064	1,197	40,606
2013	10,111	11,908	18,321	20,651	25,015	36,901	28,791	24,486	13,578	24,190	5,045	5,308	224,305
2014	2,434	2,495	3,282	4,082	5,104	7,691	6,525	4,996	3,212	5,643	1,253	1,463	48,180
2015	12,658	14,992	23,282	26,395	31,269	45,222	35,861	30,292	17,630	30,237	5,892	6,166	279,896
2016	2,906	3,109	4,151	4,975	6,366	9,646	7,950	6,049	4,106	7,294	1,475	1,707	59,734
2017	12,843	15,784	23,416	27,071	32,218	44,640	37,124	30,510	18,591	32,689	7,001	6,744	288,631
2018	863	1,058	1,602	1,670	1,846	2,404	1,614	1,812	1,136	1,713	419	379	16,516
<b>Total</b>	<b>90,071</b>	<b>91,750</b>	<b>132,745</b>	<b>156,554</b>	<b>201,089</b>	<b>295,450</b>	<b>262,230</b>	<b>182,032</b>	<b>110,682</b>	<b>199,732</b>	<b>42,309</b>	<b>43,750</b>	<b>1,808,394</b>

**Table A-38**  
**Initial Tests by Model Year and I & R Station**

2021 TESTS										
INITIAL TESTS BY MODEL YEAR AND STATION (Test & Repair Stations)										
Included: OBD and Visual Tests that end in Pass or Fail										
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests										
	STATION									
MY	654	655	656	657	658	659	660	662	663	TOTAL
1996	37	5	9	23	16	3	25	30	4	152
1997	190	58	22	123	95	30	123	236	34	911
1998	69	15	8	38	29	9	64	92	9	333
1999	307	91	29	216	164	58	243	441	77	1,626
2000	107	23	10	70	48	21	92	159	15	545
2001	450	113	49	337	251	79	331	636	99	2,345
2002	177	44	13	100	82	37	159	271	39	922
2003	579	175	85	606	383	142	572	1,073	145	3,760
2004	252	65	28	154	113	56	225	405	49	1,347
2005	872	215	136	985	554	181	810	1,559	226	5,538
2006	247	79	46	194	161	59	263	444	56	1,549
2007	1,040	301	154	1,472	636	270	1,028	2,016	307	7,224
2008	325	62	59	297	177	72	329	531	80	1,932
2009	824	256	138	1,317	466	216	720	1,577	306	5,820
2010	288	60	64	351	150	68	265	493	102	1,841
2011	1,241	389	198	2,007	729	314	987	2,267	453	8,585
2012	368	101	89	436	185	104	333	674	106	2,396
2013	1,516	553	310	2,910	909	439	1,324	3,071	654	11,686
2014	429	126	130	600	231	128	403	722	172	2,941
2015	1,864	698	421	3,827	1,133	540	1,788	3,759	926	14,956
2016	488	154	121	784	233	150	469	835	227	3,461
2017	2,029	737	513	4,192	1,119	626	1,753	3,655	1,250	15,874
2018	100	36	13	259	50	27	83	185	63	816
<b>Total</b>	<b>13,799</b>	<b>4,356</b>	<b>2,645</b>	<b>21,298</b>	<b>7,914</b>	<b>3,629</b>	<b>12,389</b>	<b>25,131</b>	<b>5,399</b>	<b>96,560</b>

**Table A-39**  
**Initial Test Failure Rate by Model Year and Centralized Station**

2021 TESTS														
INITIAL TEST FAILURE RATE BY MODEL YEAR AND STATION (Centralized Test-Only Stations)														
Included: OBD and Visual Tests that end in Pass or Fail														
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests														
	STATION												TEST ONLY	ALL STATION
MY	1	3	4	7	11	12	22	24	26	27	30	53	TOTAL	TOTAL
1996	14.5%	15.7%	12.7%	10.3%	11.8%	15.9%	17.2%	14.6%	14.8%	18.4%	13.0%	15.8%	15.1%	15.3%
1997	10.9%	5.4%	6.7%	9.1%	8.1%	9.7%	11.5%	8.5%	8.4%	11.0%	11.3%	11.9%	9.6%	9.5%
1998	15.5%	10.2%	9.7%	9.4%	10.7%	13.1%	16.1%	12.1%	12.9%	16.1%	11.6%	13.3%	13.2%	13.1%
1999	8.6%	5.2%	6.1%	7.4%	7.0%	9.3%	11.7%	7.8%	8.0%	11.5%	9.4%	8.2%	9.0%	8.9%
2000	10.4%	11.2%	11.7%	10.6%	11.0%	12.6%	17.3%	10.3%	11.2%	17.5%	15.1%	12.0%	13.3%	13.2%
2001	10.6%	8.9%	7.5%	8.5%	9.2%	11.9%	12.8%	9.5%	9.0%	12.5%	8.4%	10.0%	10.6%	10.6%
2002	14.7%	11.4%	10.1%	12.4%	11.2%	16.3%	18.1%	12.9%	10.7%	17.6%	12.9%	15.2%	14.6%	14.5%
2003	9.2%	6.5%	6.3%	6.6%	7.1%	9.0%	10.2%	6.9%	7.2%	9.6%	6.8%	8.6%	8.3%	8.2%
2004	10.1%	7.2%	9.5%	9.2%	9.6%	12.4%	13.6%	9.4%	10.0%	15.5%	10.8%	10.1%	11.4%	11.4%
2005	6.8%	5.3%	5.0%	5.3%	6.4%	7.2%	9.2%	5.7%	6.1%	9.6%	6.9%	7.3%	7.1%	7.1%
2006	9.3%	6.7%	7.0%	7.9%	8.3%	10.0%	14.1%	9.2%	10.0%	15.4%	9.2%	12.9%	10.7%	10.8%
2007	5.7%	3.5%	4.2%	4.5%	4.6%	5.5%	7.7%	5.1%	5.2%	7.6%	5.8%	5.9%	5.7%	5.7%
2008	8.0%	4.4%	5.7%	5.9%	6.2%	8.1%	11.6%	7.5%	8.4%	11.3%	7.7%	9.8%	8.5%	8.4%
2009	4.6%	3.2%	3.0%	3.7%	3.4%	4.3%	6.0%	3.5%	4.4%	6.1%	4.8%	4.8%	4.4%	4.4%
2010	6.2%	4.3%	4.6%	5.2%	4.8%	5.9%	9.0%	4.3%	6.1%	9.6%	5.0%	7.1%	6.4%	6.4%
2011	3.3%	2.2%	2.0%	2.6%	2.8%	3.2%	4.5%	2.5%	3.1%	4.3%	3.0%	2.9%	3.2%	3.2%
2012	4.5%	2.8%	2.6%	3.0%	3.5%	4.3%	6.3%	4.0%	4.1%	6.8%	3.9%	5.3%	4.5%	4.5%
2013	1.8%	1.4%	1.5%	1.6%	1.7%	2.1%	2.9%	1.7%	2.2%	3.1%	2.5%	2.4%	2.1%	2.1%
2014	2.9%	1.5%	2.0%	2.7%	2.5%	3.0%	4.0%	2.0%	3.1%	4.8%	2.5%	2.7%	3.0%	3.0%
2015	1.2%	0.8%	1.0%	1.1%	1.1%	1.4%	2.0%	1.2%	1.3%	2.1%	1.2%	1.7%	1.4%	1.4%
2016	1.2%	1.0%	1.2%	1.2%	1.3%	1.8%	2.6%	1.6%	1.8%	2.9%	1.5%	1.9%	1.8%	1.8%
2017	0.8%	0.4%	0.7%	0.9%	0.6%	1.0%	1.2%	0.7%	0.8%	1.5%	0.9%	0.8%	0.9%	0.9%
2018	0.6%	0.4%	0.2%	0.4%	0.8%	1.2%	0.5%	0.4%	0.7%	0.9%	0.5%	0.5%	0.6%	0.6%
Total	4.2%	2.5%	2.5%	2.9%	3.3%	4.1%	5.8%	3.1%	3.6%	5.5%	3.9%	4.3%	4.0%	4.0%

**Table A-40**  
**Initial Test Failure Rate by Model Year and I & R Station**

2021 TESTS											
INITIAL TEST FAILURE RATE BY MODEL YEAR AND STATION (Test & Repair Stations)											
Included: OBD and Visual Tests that end in Pass or Fail											
Excluded: Rejects, Aborts, Voided Tests, Voluntary Tests, Audit Tests											
	STATION									TEST & REPAIR	ALL STATION
MY	654	655	656	657	658	659	660	662	663	TOTAL	TOTAL
1996	18.9%	20.0%	11.1%	8.7%	12.5%	33.3%	16.0%	23.3%	25.0%	17.1%	15.3%
1997	5.8%	12.1%	0.0%	4.9%	7.4%	6.7%	6.5%	8.9%	0.0%	6.8%	9.5%
1998	8.7%	33.3%	25.0%	5.3%	0.0%	0.0%	14.1%	14.1%	0.0%	11.1%	13.1%
1999	4.6%	4.4%	10.3%	5.6%	3.0%	8.6%	14.0%	10.2%	3.9%	7.7%	8.9%
2000	9.3%	8.7%	20.0%	7.1%	6.3%	9.5%	18.5%	14.5%	20.0%	12.3%	13.2%
2001	11.8%	8.8%	8.2%	8.9%	9.2%	6.3%	13.3%	10.1%	4.0%	10.1%	10.6%
2002	11.3%	9.1%	7.7%	8.0%	9.8%	13.5%	18.2%	16.6%	12.8%	13.6%	14.5%
2003	8.5%	5.7%	9.4%	5.4%	6.0%	4.9%	11.7%	6.7%	4.1%	7.3%	8.2%
2004	9.1%	9.2%	25.0%	5.8%	9.7%	10.7%	17.8%	10.1%	4.1%	10.8%	11.4%
2005	6.4%	6.0%	10.3%	5.4%	5.2%	7.2%	11.1%	7.2%	3.5%	7.0%	7.1%
2006	13.8%	15.2%	15.2%	8.2%	6.8%	11.9%	16.7%	9.5%	12.5%	11.6%	10.8%
2007	5.4%	4.0%	5.2%	3.5%	4.7%	3.7%	8.8%	5.6%	2.0%	5.2%	5.7%
2008	6.8%	6.5%	3.4%	5.7%	5.6%	16.7%	14.9%	6.6%	6.3%	8.1%	8.4%
2009	4.7%	4.7%	4.3%	2.7%	4.5%	2.8%	8.9%	4.2%	3.3%	4.5%	4.4%
2010	4.9%	1.7%	6.3%	3.1%	3.3%	7.4%	10.6%	7.5%	8.8%	6.2%	6.4%
2011	2.7%	3.1%	6.1%	2.4%	2.3%	3.2%	6.7%	3.1%	2.4%	3.3%	3.2%
2012	4.9%	1.0%	5.6%	4.1%	4.3%	8.7%	8.7%	4.0%	7.5%	5.1%	4.5%
2013	2.4%	2.9%	3.2%	1.9%	1.9%	1.1%	4.2%	1.7%	2.3%	2.3%	2.1%
2014	2.6%	4.8%	3.1%	1.5%	2.6%	2.3%	5.7%	3.2%	2.9%	3.1%	3.0%
2015	1.2%	1.7%	0.7%	1.3%	1.5%	0.7%	2.9%	1.0%	0.8%	1.4%	1.4%
2016	1.2%	1.3%	0.8%	1.0%	0.9%	1.3%	3.4%	1.4%	1.8%	1.5%	1.8%
2017	0.4%	0.5%	0.4%	0.7%	0.6%	1.3%	0.9%	0.5%	0.9%	0.6%	0.9%
2018	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	0.1%	0.6%
Total	4.0%	3.6%	4.0%	2.4%	3.3%	3.5%	7.1%	3.9%	2.4%	3.8%	4.0%

## **APPENDIX B**

### **Quality Assurance and Quality Control Reports**

## **APPENDIX B - Quality Assurance and Quality Control Reports**

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**Table B-1**  
**QA/QC Report for Calendar Year 2021**

Quality Assurance Report and Quality Control Report - 2021 Calendar Year				
Reference to 51.366	Description	Stations	Workstations	Inspectors
<b>b</b>	<b>Quality Assurance Report</b>			
b.1	<b>The number of centralized inspection-only stations and workstations</b>	12	99	N/A
b.1.i	Operating throughout the year	12	99	N/A
b.1.ii	Operating for only part of the year	0	0	N/A
b.1	<b>The number of decentralized inspection and repair stations and workstations</b>	9	9	N/A
b.1.i	Operating throughout the year	9	9	N/A
b.1.ii	Operating for only part of the year	0	0	N/A
b.2	<b>The number of inspection stations and workstations operating throughout the year:</b>			
b.2.i	Receiving overt performance audits in the year	21	108	N/A
b.2.ii	Not receiving overt performance audits in the year	0	0	N/A
b.2.iii	Receiving covert performance audits in the year	21	108	N/A
b.2.iv	Not receiving covert performance audits in the year	0	0	N/A
b.2.v	That have been shut down as a result of overt performance audits	0	0	N/A
b.3	<b>The number of covert audits (Covert Vehicle Audits ONLY)</b>	21	526	N/A
b.3.i	Conducted with the vehicle set to fail per test type	21	526	N/A
b.3.ii	Conducted with the vehicle set to fail any combination of two or more test types	0	0	N/A
b.3.iii	Resulting in a false pass per test type	0	0	N/A
b.3.iv	Resulting in a false pass for any combination of two or more test types	0	0	N/A
b.4	<b>The number of inspectors and stations</b>			
b.4.i	That were suspended, fired, or otherwise prohibited from testing as a result of covert audits	0	N/A	0
b.4.ii	That were suspended, fired, or otherwise prohibited from testing for other causes	0	N/A	0
b.4.iii	That received fines	0	N/A	0
b.5	<b>The number of inspectors licensed or certified to conduct testing<sup>1</sup></b>	N/A	N/A	259
b.6	<b>The number of hearings</b>			
b.6.i	Held to consider adverse actions against inspectors and stations	0	N/A	0
b.6.ii	Resulting in adverse actions against inspectors and stations	0	N/A	0
b.7	<b>The total amount collected in fines from inspectors and stations by type of violation</b>	0	N/A	0
b.8	<b>The total number of covert vehicles available for undercover audits over the year</b>	6 Vehicles		
b.9	<b>The total number of covert auditors available for undercover audits</b>	24 Auditors		
<b>c</b>	<b>Quality Control Report</b>			
c.1	The number of inspection stations and workstations in use in the program	21	108	N/A
c.2	The number of equipment audits by station and workstation (See Appendix C)	N/A	N/A	N/A
c.3	The number of stations and workstations that have failed equipment audits <sup>2</sup>	2	2	N/A
	The percentage of stations and workstations that have failed equipment audits	9.0%	1.9%	N/A
c.4	The number of stations and workstations shut down as a result of equipment audits <sup>2</sup>	0	0	N/A
	The percentage of stations and workstations shut down as a result of equipment audits	0.0%	0.0%	N/A

<sup>1</sup>Total number inspectors that were certified to test at some point during CY2021.

<sup>2</sup>Stations failing at least one audit. A station that fails multiple times during year is only counted once. Each workstation failure is counted individually.



## **APPENDIX C**

### **Number of Equipment Audits by Station and Lane**

## APPENDIX C - Number of Equipment Audits by Station and Lane

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**Table C-1**  
**Number of Equipment Audits by Station and Lane for Calendar Year 2021**

Number of Equipment Audits by Station and Workstation Lane-Position - 2021 Calendar Year																				
Station #	Station Description	Lane-Position <sup>1</sup>																		Station Total
		1-1	1-2	1-3	2-1	2-2	2-3	3-1	3-2	3-3	4-1	4-2	4-3	5-1	5-2	5-3	6-1	6-2	6-3	
1	Waukegan	311	314	-	316	-	-	313	312	-	-	-	-	-	-	-	-	-	-	1,566
3	Crystal Lake	317	309	-	337	-	-	315	255	-	-	-	-	-	-	-	-	-	-	1,533
4	Lincolnshire	342	314	-	325	321	-	321	311	-	-	-	-	-	-	-	-	-	-	1,934
7	Schaumburg	320	-	-	333	-	-	335	-	-	331	-	-	-	-	-	-	-	-	1,319
11	Addison	318	313	-	334	308	-	332	310	-	321	311	-	355	-	-	-	-	-	2,902
12	Skokie	308	308	312	312	304	304	313	301	304	317	300	305	305	303	304	-	-	-	4,600
22	Bedford Park	320	362	-	326	312	294	323	315	-	325	311	280	313	306	-	326	302	291	4,706
24	Naperville	319	306	-	324	301	-	321	307	-	307	265	-	-	-	-	-	-	-	2,450
26	Joliet	338	314	-	337	-	-	321	309	-	319	-	-	-	-	-	-	-	-	1,938
27	Markham	314	310	-	319	311	-	322	309	-	345	307	-	316	309	-	316	311	-	3,789
30	Pontoon Beach	317	308	-	328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	953
53	Swansea	263	-	-	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	576
654	Alton	308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	308
655	Columbia	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	320
656	Edwardsville	317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	317
657	Homer Glen	322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	322
658	Johnsburg	363	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	363
659	Oswego	326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	326
660	Park Forest	309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	309
662	South Elgin	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	341
663	New Lenox	334	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	334
<b>Total</b>																				<b>31,206</b>

<sup>1</sup>Blank (-) entries indicate that the workstation lane-position is not applicable to that station.

## **APPENDIX D**

### **Enforcement Report**

## APPENDIX D – Enforcement Report

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The Illinois Secretary of State's Office (SOS) and the Agency employ various methods to prevent false registration of vehicles with respect to address, fuel type and weight class.

By law (Illinois Vehicle Code), Illinois motorists must license, title and register vehicles in Illinois, and must notify SOS within ten (10) days of an address change. The Illinois Vehicle Code provides fines for violations of its provisions which may be levied through local authorities. Furthermore, SOS performs address verification and requires proof of residency for licensure and modification of driver's license registration address. In addition, SOS receives and reconciles vehicle owner and other data from the National Motor Vehicle Title Information System with vehicle owner and other data in its files. SOS provides the Agency with updated vehicle owner and other data on a weekly basis and existing Agency data is reconciled with the new and updated SOS data.

In order to process and approve an out of program area application, which provides a one-year extension of the requirement to obtain and pass an emissions test, the Agency requires specified, acceptable proof of the owner's change of address. The Agency reviews these applications to ensure appropriate proof is provided.

The Agency employs vehicle emissions testing software designed to decode vehicle identification numbers (VINs). VINs provide various information including vehicle fuel type and weight class. Through this VIN decoding software, the Agency can appropriately determine vehicle fuel type and weight class. The Agency also receives fuel type and weight class data from SOS. In the case where the Agency's vehicle emissions testing software identifies conflicting fuel type or weight class data or is unable to properly decode such data, the testing software will require a physical vehicle inspection to identify fuel type or weight class. Further, the Agency performs a quarterly database comparison between the vehicle data in its files with vehicle data contained in SOS files.

**Table D-1**  
**Vehicles Subject to Testing/Emission Inspection Notice Volumes Based on Analysis**  
**of Registration Database for Calendar Year 2021**

Notice	2021 Total	2021 Monthly Average
Inspection Notices	2,611,352	217, 613

**Table D-2**  
**Vehicles Issued Repair Waivers and Time Extensions or Other Exemptions**  
**for Calendar Year 2021**

Notice	Total Issued
Repair Waivers	366
Time Extensions/Other Exemptions	21,060

**Table D-3**  
**Illinois I/M Compliance Rate**  
**for Calendar Year 2021**

Description	Total
Vehicles Assigned for Testing	2,611,352
Vehicles Complying with Test Requirement	2,299,822
Overall Compliance Rate	88.1%



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